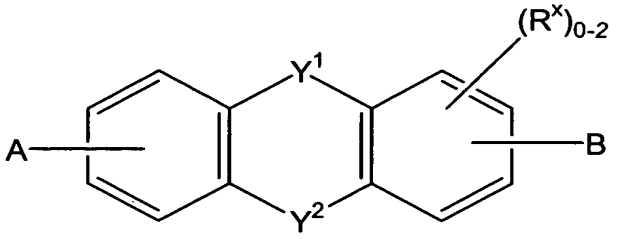
WHAT IS CLAIMED IS:

1. A compound of the formula (I):

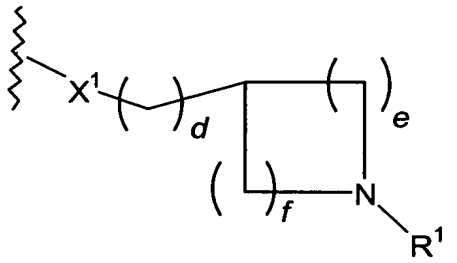


(I)

or a pharmaceutically acceptable salt, ester, amide, or prodrug hereof, wherein:

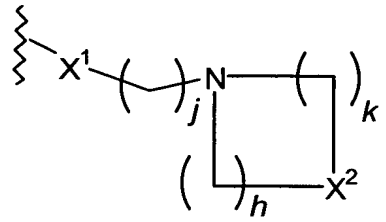
A and B are each independently selected from the group consisting of hydrogen; halogen; alkoxy; amino; alkylamino; acylamino; dialkylamino; cyano; nitro; and $-SO_3H$; and

a group of formula (a):



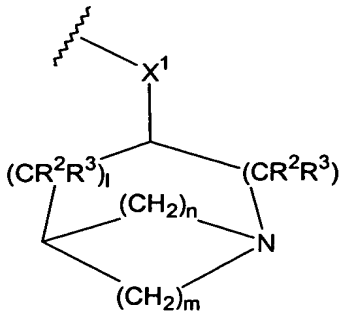
(a) ;

a group of formula (b):



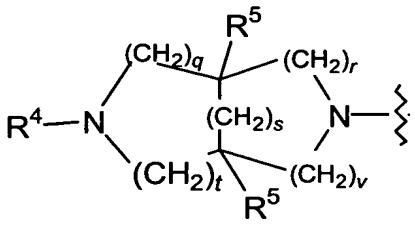
(b) ;

a group of formula (c):



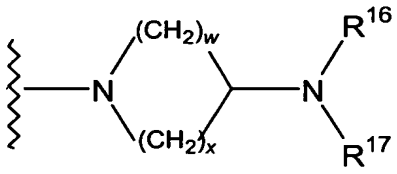
(c) ;

a group of formula (d):



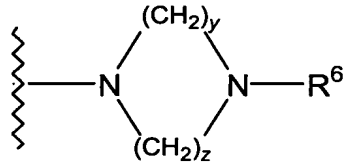
(d) ;

a group of formula (e):



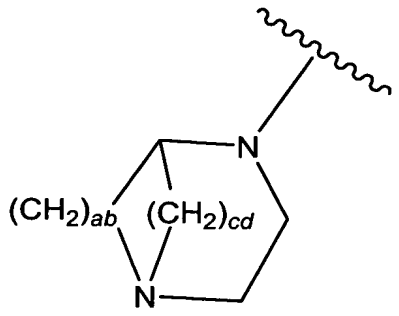
(e) ;

a group of formula (f):



(f) ;

a group of formula (g):



(g) ;

(h) $-C\equiv CCH_2NR^7R^8$; and (i) $-O-(C(R^{20})_{2-3}N(R^{21})(R^{22})$; provided that at least one of A or B is a group selected from (a) - (i); with the proviso that if A or B is selected from group (a), (b), or (f) when *y* and *z* are both two, then A and B are different;

X^1 at each occurrence is selected from the group consisting of O, S, and $-N(R^9)-$;

X^2 at each occurrence is selected from the group consisting of O, S, $-CH_2-$, and $-N(R^{10})-$;

Y^1 is independently selected from the group consisting of -C(O)-, $-CH_2-$, -CH(OH)-, -C(S)-, $-N(R^{11})-$, -O-, -S-, -S(O)-, $-S(O)_2-$, -C(O)NH-, and $-S(O)_2NH-$, provided that if Y^1 is –C(O)-, -O-, -S-, or $-N(R^{11})-$ and one of A or B is selected from a group (a), (b), or (f), then the other of A or B is selected from the group consisting of dialkylamino, cyano, and $-SO_3H$;

Y^2 is a bond or Y^2 is independently selected from -O-, -S-, and $-N(R^{12})-$;

R^1 is independently selected from hydrogen and alkyl;

R^2 and R^3 at each occurrence are each independently selected from the group consisting of hydrogen and alkyl;

R^4 and R^6 at each occurrence are each independently selected from the group consisting of hydrogen and alkyl;

R^5 at each occurrence are each independently selected from the group consisting of hydrogen, alkyl, and alkoxycarbonyl;

R^7 and R^8 are each independently selected from hydrogen and alkyl or R^7 and R^8 taken together with the nitrogen atom to which each is attached form a 4- to 8-membered cyclic amine;

R^9, R^{10}, R^{11}, and R^{12} at each occurrence are each independently selected from hydrogen and alkyl;

R^{16} and R^{17} are each independently selected from hydrogen and alkyl, or R^{16} and R^{17} taken together with the nitrogen atom to which each is attached form a 4- to 8-membered cyclic amine;

R^{20} is selected from the group consisting of hydrogen and alkyl;

R^{21} and R^{22} are each independently selected from the group consisting of hydrogen and alkyl;

R^x is independently selected at each occurrence from the group consisting of hydrogen, halogen, alkoxy, amino, alkylamino, dialkylamino, acylamino, dialkylaminoalkyl, and cyano;

d is independently selected from 0 or 1;

e and *f* are each independently selected from 0, 1, 2 or 3 provided that the sum total of *e* and *f* is 2, 3, or 4, provided that when *d* is 0, *e* and *f* are selected from 1, 2 or 3;

j is independently selected from 2 or 3;

h and *k* are each independently selected from 0, 1, or 2, provided that the sum total of *h* and *k* is 2, 3, or 4, provided that when X^2 is O, S, or $N(R^{10})$, *h* and *k* are both 2;

l is 0 or 1, *m* is 2 or 3, and *n* is 0, 1, or 2, provided that the sum total of *l*, *m*, and *n* is 4, 5, or 6;

q, *r*, *s*, *t*, and *v* are each independently selected from 0, 1, or 2, provided that the sum of *q* and *r*; *t* and *v*; *q*, *s*, and *t*; and *r*, *s*, and *v*; are each at least 1, and further provided that the sum total of *q*, *r*, *s*, *t*, and *v* is 2, 3, 4, or 5, provided that when the sum total is 5 and Y^1 is -O-, -S-, or $-N(R^{11})-$ and Y^2 is a bond, both A and B are other than hydrogen;

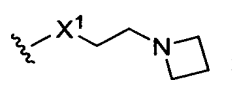
w and *x* are each independently selected from 1, 2, or 3, provided that the sum total of *w* and *x* is 3, 4, 5, or 6;

y and *z* are each independently selected from 2, 3, or 4, provided that the sum total of *y* and *z* is 4, 5, or 6; and

ab is 2 or 3, and *cd* is 1 or 2.

2. The compound according to claim 1, wherein the group of formula (a) is selected from the group consisting of azetidinyloxy, N-methylazetidinyloxy, pyrrolidinyloxy, N-methylpyrrolidinyloxy, piperidinyloxy, N-methylpiperidinyloxy; azetidinylmethoxy, N-methylazetidinylmethoxy, pyrrolidinylmethoxy, N-methylpyrrolidinylmethoxy, piperidinylmethoxy, and N-methylpiperidinylmethoxy.

3. The compound according to claim 1, wherein the group of formula (b) is selected from the group consisting of: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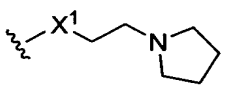
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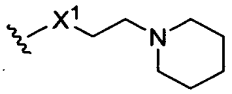
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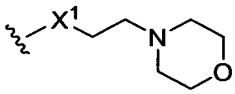
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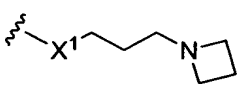
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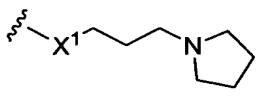
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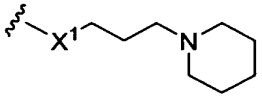
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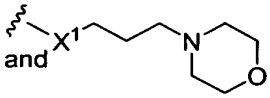
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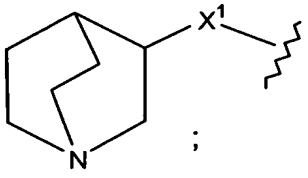
4. The compound according to claim 1, wherein the group of formula (c) is selected from the group consisting of: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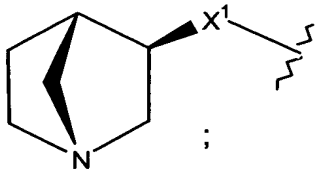
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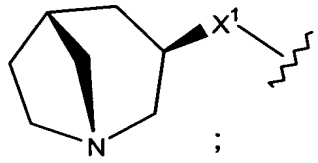
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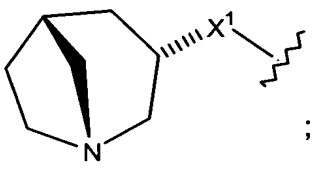
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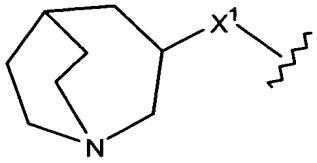
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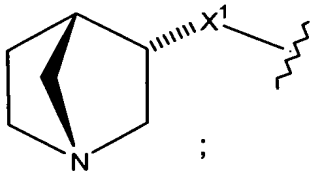
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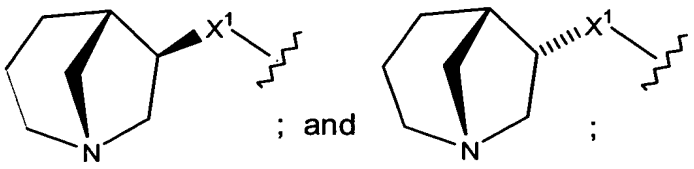
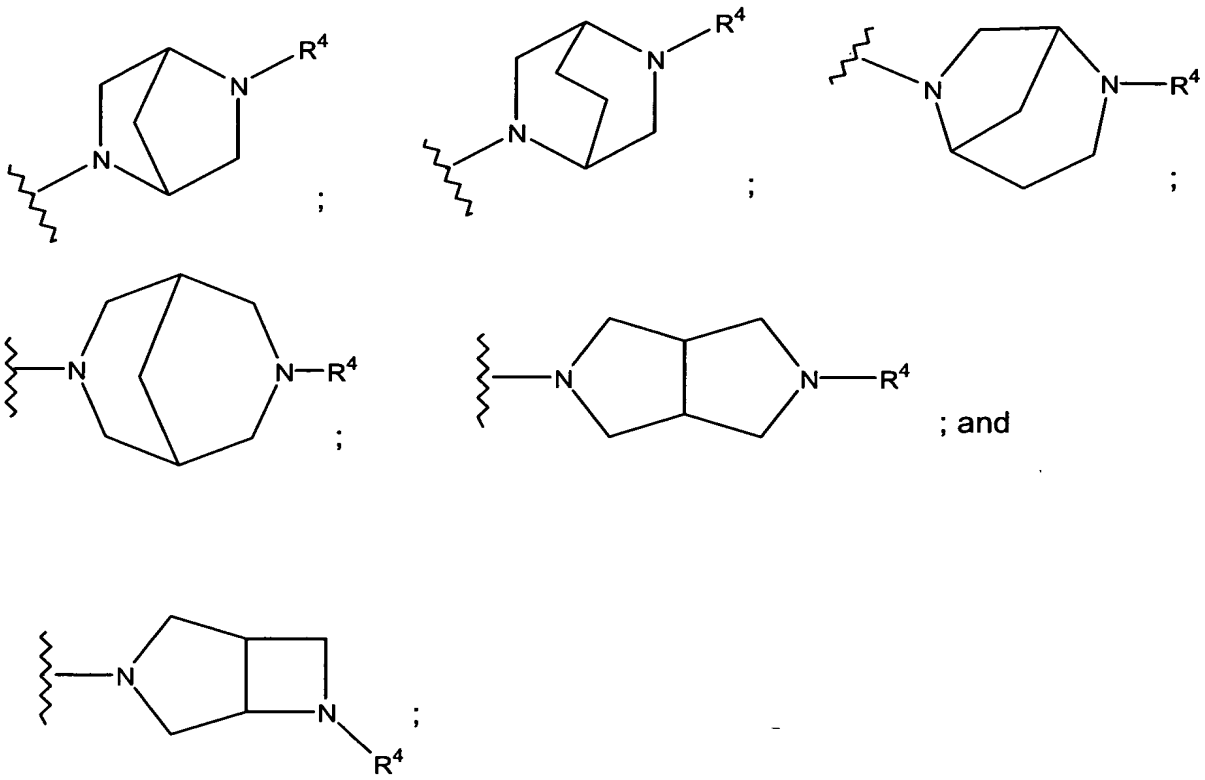


wherein X^1 is as defined in claim 1, and enantiomers thereof.

5. The compound according to claim 1, wherein one of A or B is a group of formula (c) wherein *l* is 0 and *m* is 2, and Y^1 is –O-, -S-, or –N(R^{11})-, then Y^2 is not a bond.

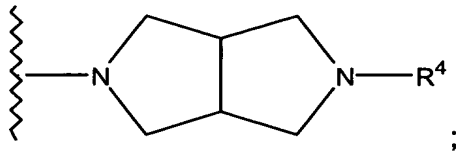
6. The compound according to claim 1, wherein the group of formula (d) is selected from the group consisting of:



wherein R^4 is as defined in claim 1, and enantiomers thereof.

7. The compound according to claim 1, wherein one of A or B is selected from a group of formula (d) and the other is selected from amino, dialkylamino, and acylamino.

8. The compound according to claim 1, wherein the group of formula (d) is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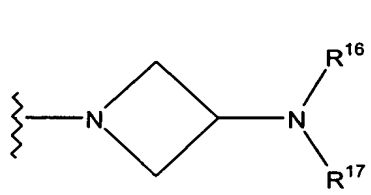
wherein R^4 is hydrogen or alkyl.

9. The compound according to claim 1, wherein the group of formula (e) is selected from the group consisting of: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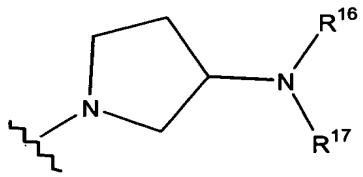
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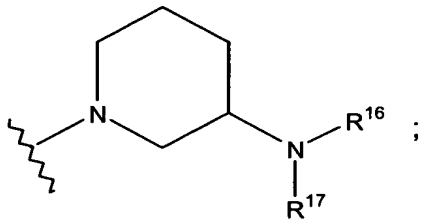
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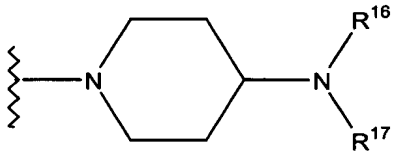
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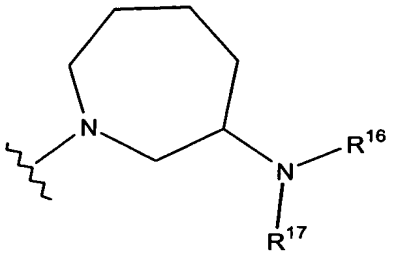
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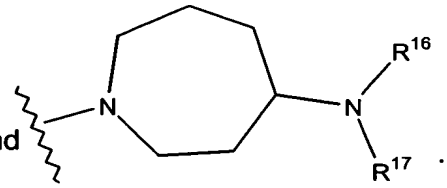
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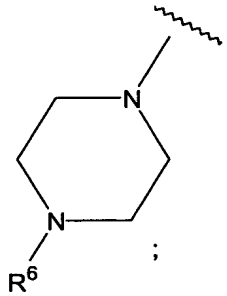
wherein R^{16} and R^{17} are as defined in claim 1, and enantiomers thereof.

10. The compound according to claim 1, wherein the group of formula (f) is selected from the group consisting of: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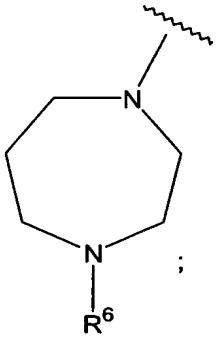
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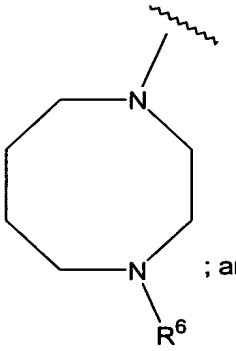
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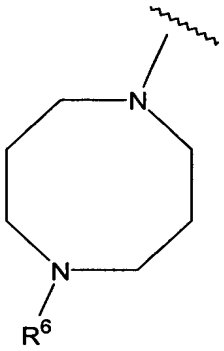
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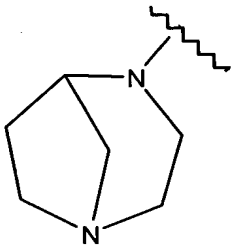
wherein R^6 is hydrogen or alkyl, and enantiomers thereof.

11. The compound according to claim 1, wherein the group of formula (g) is selected from the group consisting of: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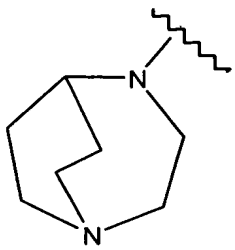

;

and enantiomers thereof.

12. The compound according to claim 1, selected from the group consisting of:

2,7-bis-[(3*R*)-1-azabicyclo[2.2.2]octan-3-yloxy]-fluoren-9-one;

2,7-bis[(3*S*)-1-azabicyclo[2.2.2]octan-3-yloxy]-fluoren-9-one;

2-[(3*R*)-1-azabicyclo[2.2.2]octan-3-yloxy]-fluoren-9-one;

2-[(3*S*)-1-azabicyclo[2.2.2]octan-3-yloxy]-fluoren-9-one;

2,7-bis(4-methyl-[1,4]diazepan-1-yl)-fluoren-9-one;

2,7-bis[3,7-diazabicyclo[3.3.0]octan-3-yl]-fluoren-9-one;

2,7-bis[7-methyl-3,7-diazabicyclo[3.3.0]octan-3-yl]fluoren-9-one;

2-[3,7-diazabicyclo[3.3.0]octan-3-yl]-fluoren-9-one;

2-[7-methyl-3,7-diazabicyclo[3.3.0]octan-3-yl]-fluoren-9-one;

2,7-bis(3-diethylamino-propyn-1-yl)-fluoren-9-one;

3,7-bis[(3*S*)-1-azabicyclo[2.2.2]octan-3-yloxy]-dibenzothiophene;

2-[(1S,5S)-3,6-diazabicyclo[3.2.0]heptan-3-yl]-dibenzothiophene-5,5-dioxide;

2-amino-7-[3,7-diazabicyclo[3.3.0]octan-3-yl]-fluoren-9-one;

2-[(3*R*)-1-azabicyclo[2.2.2]octan-3-yloxy]-xanthen-9-one;

2-(1-azabicyclo[2.2.2]octan-3-yloxy)-9H-carbazole;

2-(3,7-diazabicyclo[3.3.0]octan-3-yl)-7-methylamino-fluoren-9-one;

2-(3,7-diazabicyclo[3.3.0]octan-3-yl)-7-dimethylamino-fluoren-9-one;

2-amino-7-(7-methyl-3,7-diazabicyclo[3.3.0]octan-3-yl)-fluoren-9-one;

2-methylamino-7-(7-methyl-3,7-diazabicyclo[3.3.0]octan-3-yl)-fluoren-9-one;

2-dimethylamino-7-(7-methyl-3,7-diazabicyclo[3.3.0]octan-3-yl)-fluoren-9-one;

2-(3,7-diazabicyclo[3.3.0]octan-3-yl)-xanthen-9-one;

2-(7-methyl-3,7-diazabicyclo[3.3.0]octan-3-yl)-xanthen-9-one;

2-amino-7-(3,7-diazabicyclo[3.3.0]octan-3-yl)-xanthen-9-one;

2-amino-7-(7-methyl-3,7-diazabicyclo[3.3.0]octan-3-yl)-xanthen-9-one;

2-(3,7-diazabicyclo[3.3.0]octan-3-yl)-7-methylamino-xanthen-9-one;

2-methylamino-7-(7-methyl-3,7-diazabicyclo[3.3.0]octan-3-yl)-xanthen-9-one;

2-(3,7-diazabicyclo[3.3.0]octan-3-yl)-7-dimethylamino-xanthen-9-one;

2-dimethylamino-7-(7-methyl-3,7-diazabicyclo[3.3.0]octan-3-yl)-xanthen-9-one;

2-amino-7-[(3*R*)-1-azabicyclo[2.2.2]oct-3-yloxy]-fluoren-9-one;

2-amino-7-[(3*S*)-1-azabicyclo[2.2.2]oct-3-yloxy]-fluoren-9-one;

2-[(3*R*)-1-azabicyclo[2.2.2]oct-3-yloxy]-7-methylamino-fluoren-9-one;

2-[(3*S*)-1-azabicyclo[2.2.2]oct-3-yloxy]-7-methylamino-fluoren-9-one;

2-[(3*R*)-1-azabicyclo[2.2.2]oct-3-yloxy]-7-dimethylamino-fluoren-9-one;

2-[(3*S*)-1-azabicyclo[2.2.2]oct-3-yloxy]-7-dimethylamino-fluoren-9-one;

3,7-bis[(3*R*)-1-azabicyclo[2.2.2]octan-3-yloxy]-dibenzothiophene;

3,7-bis[(3*S*)-1-azabicyclo[2.2.2]octan-3-yloxy]-dibenzothiophene-5,5-dioxide;

3,7-bis[(3*R*)-1-azabicyclo[2.2.2]octan-3-yloxy]-dibenzothiophene-5,5-dioxide;

3,7-bis[3,7-diazabicyclo[3.3.0]octan-3-yl]-dibenzothiophene-5,5-dioxide;

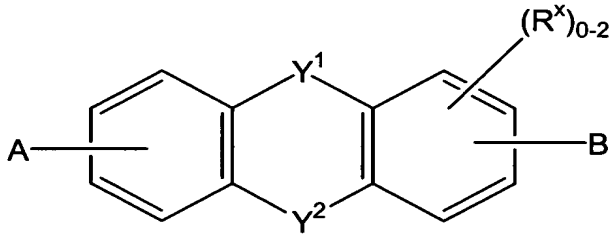
3,7-bis[7-methyl-3,7-diazabicyclo[3.3.0]octan-3-yl]-dibenzothiophene-5,5-dioxide;

3-[3,7-diazabicyclo[3.3.0]octan-3-yl]-dibenzothiophene-5,5-dioxide;

3-[7-methyl-3,7-diazabicyclo[3.3.0]octan-3-yl]-dibenzothiophene-5,5-dioxide;
3-amino-7-[3,7-diazabicyclo[3.3.0]octan-3-yl]-dibenzothiophene-5,5-dioxide; and
2-[(3*S*)-1-azabicyclo[2.2.2]octan-3-yloxy]-xanthen-9-one.

13. A pharmaceutical composition comprising a therapeutically effective amount of a compound of claim 1 in combination with a pharmaceutically acceptable carrier.

14. A method for treating or preventing a condition or disorder modulated by an $\alpha 7$ nicotinic acetylcholine receptor comprising the step of administering a compound of the formula (II):

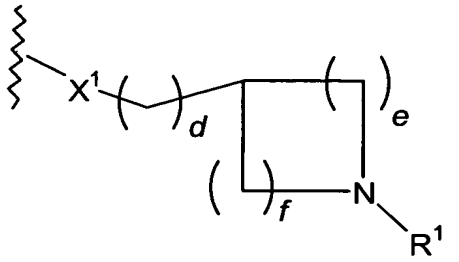


(II)

or a pharmaceutically acceptable salt, ester, amide, or prodrug thereof, wherein:

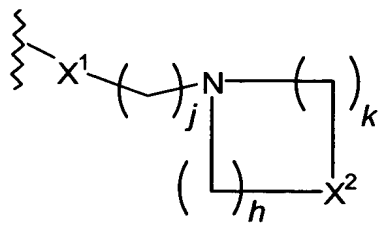
A and B are each independently selected from the group consisting of hydrogen; halogen; alkoxy; amino; alkylamino; acylamino; dialkylamino; cyano; nitro; and $-SO_3H$; and

a group of formula (a):



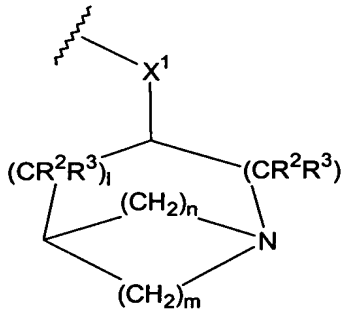
(a) ;

a group of formula (b):



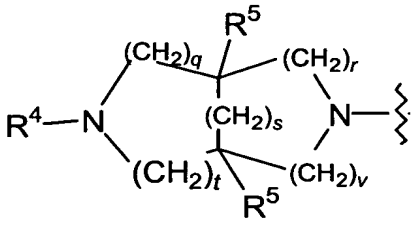
(b) ;

a group of formula (c):



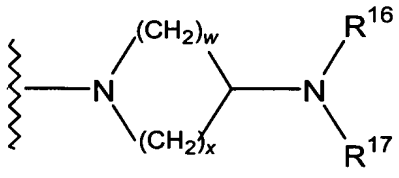
(c) ;

a group of formula (d):



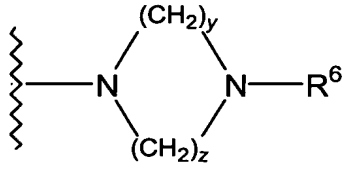
(d) ;

a group of formula (e):



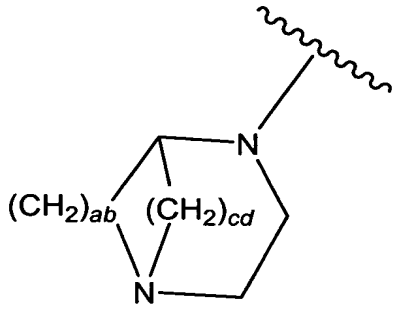
(e) ;

a group of formula (f):



(f) ;

a group of formula (g):



(g) ;

(h) $-C\equiv CCH_2NR^7R^8$; (i) $-O-(C(R^{20})_{2-3}N(R^{21})(R^{22})$; and

(j) $-O-(C(R^{23})_{2-3}N^+(R^{24})(R^{25})(R^{26})$;

X^1 at each occurrence is selected from the group consisting of O, S, and $-N(R^9)-$;

X^2 at each occurrence is selected from the group consisting of O, S, $-CH_2-$, and $-N(R^{10})-$;

Y^1 is independently selected from the group consisting of -C(O)-, $-CH_2-$, -CH(OH)-, -C(S)-, $-N(R^{11})-$, -O-, -S-, -S(O)-, $-S(O)_2-$, -C(O)NH-, and $-S(O)_2NH-$;

Y^2 is a bond or Y^2 is independently selected from -O-, -S-, and $-N(R^{12})-$;

R^1 is independently selected from hydrogen and alkyl;

R^2 and R^3 at each occurrence are each independently selected from the group consisting of hydrogen and alkyl;

R^4 and R^6 at each occurrence are each independently selected from the group consisting of hydrogen and alkyl;

R^5 at each occurrence are each independently selected from the group consisting of hydrogen, alkyl, and alkoxycarbonyl;

R^7 and R^8 are each independently selected from hydrogen and alkyl or R^7 and R^8 taken together with the nitrogen atom to which each is attached form a 4- to 8-membered cyclic amine;

R^9, R^{10}, R^{11}, and R^{12} at each occurrence are each independently selected from hydrogen and alkyl;

R^{16} and R^{17} are each independently selected from hydrogen and alkyl, or R^{16} and R^{17} taken together with the nitrogen atom to which each is attached form a 4 to 8-membered cyclic amine;

R^{20} and R^{23} are each independently selected from the group consisting of hydrogen and alkyl;

R^{21} and R^{22} are each independently selected from the group consisting of hydrogen and alkyl;

R^{24}, R^{25}, and R^{26} are alkyl, or one pair of substituents selected from R^{24}, R^{25}, and R^{26} is taken together with the nitrogen atom to which each is attached form a 4 to 8-membered cyclic amine and the remaining substituent is selected from hydrogen and alkyl;

R^x is independently selected at each occurrence from the group consisting of hydrogen, halogen, alkoxy, amino, alkylamino, dialkylamino, acylamino, dialkylaminoalkyl, and cyano;

d is independently selected from 0 or 1;

e and *f* are each independently selected from 0, 1, 2 or 3 provided that the sum total of *e* and *f* is 2, 3, or 4, provided that when *d* is 0, *e* and *f* are selected from 1, 2 or 3;

j is independently selected from 2 or 3;

h and *k* are each independently selected from 0, 1, or 2, provided that the sum total of *h* and *k* is 2, 3, or 4, provided that when X^2 is O, S, or $N(R^{10})$, *h* and *k* are both 2;

l is 0 or 1, *m* is 2 or 3, and *n* is 0, 1, or 2, provided that the sum total of *l*, *m*, and *n* is 4, 5, or 6;

q, *r*, *s*, *t*, and *v* are each independently selected from 0, 1, or 2, provided that the sum of *q* and *r*; *t* and *v*; *q*, *s*, and *t*; and *r*, *s*, and *v*; are each at least 1;

w and *x* are each independently selected from 1, 2, or 3, provided that the sum total of *w* and *x* is 3, 4, 5, or 6;

y and *z* are each independently selected from 2, 3, or 4, provided that the sum total of *y* and *z* is 4, 5, or 6; and

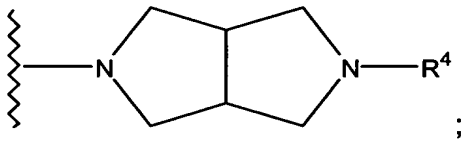
ab is 2 or 3, and *cd* is 1 or 2.

15. The method according to claim 14, wherein the group A, the group B, or both groups A and B are selected from the group consisting of substituents (a)-(j).

16. The method according to claim 14, wherein the group A, the group B, or both groups A and B is group of formula (d).

17. The compound according to claim 14, wherein one of A or B is selected from a group of formula (d) and the other is selected from amino, dialkylamino, and acylamino.

18. The compound according to claim 14, wherein the group of formula (d) is



;

wherein R^4 is hydrogen or alkyl.

19. The method according to claim 14, wherein the compound is selected from the group consisting of:

2,7-bis[(2*R*)-1-methylpyrrolidin-2-ylmethoxy]-fluoren-9-one;

2,7-bis[(2*R*)-azetidin-2-ylmethoxy]-fluoren-9-one;

2,7-bis[(2*R*)-1-methylazetidin-2-ylmethoxy]-fluoren-9-one;

2,7-bis[(3*S*)-pyrrolidin-3-yloxy]-fluoren-9-one;

2,7-bis[(3*S*)-1-methylpyrrolidin-3-yloxy]-fluoren-9-one;

2,7-bis-[(3*R*)-1-azabicyclo[2.2.2]octan-3-yloxy]-fluoren-9-one;

2,7-bis[(3*S*)-1-azabicyclo[2.2.2]octan-3-yloxy]-fluoren-9-one;

2-[(3*R*)-1-azabicyclo[2.2.2]octan-3-yloxy]-fluoren-9-one;

2-[(3*S*)-1-azabicyclo[2.2.2]octan-3-yloxy]-fluoren-9-one;

2,7-bis(4-methyl-[1,4]diazepan-1-yl)-fluoren-9-one;

2,7-bis[3,7-diazabicyclo[3.3.0]octan-3-yl]-fluoren-9-one;

2,7-bis[7-methyl-3,7-diazabicyclo[3.3.0]octan-3-yl]fluoren-9-one;

2-[3,7-diazabicyclo[3.3.0]octan-3-yl]-fluoren-9-one;

2-[7-methyl-3,7-diazabicyclo[3.3.0]octan-3-yl]-fluoren-9-one;

2,7-bis(3-diethylamino-propyn-1-yl)-fluoren-9-one;

3,7-bis(2-diethylaminoethoxy)dibenzothiophene;

3,7-bis(2-diethylaminoethoxy)dibenzothiophene-5-oxide;

3,7-bis[(3*S*)-1-azabicyclo[2.2.2]octan-3-yloxy]-dibenzothiophene;

2-[(1S,5S)-3,6-diazabicyclo[3.2.0]heptan-3-yl]-dibenzothiophene-5,5-dioxide;

2-amino-7-[3,7-diazabicyclo[3.3.0]octan-3-yl]-fluoren-9-one;

2-[(3*R*)-1-azabicyclo[2.2.2]octan-3-yloxy]-xanthen-9-one;

2-(1-azabicyclo[2.2.2]octan-3-yloxy)-9H-carbazole;

2,7-bis-(2-aminoethoxy)-fluorene;

2,7-bis-(3-aminopropoxy)-fluorene;

2,7-bis-(2-methylaminoethoxy)-fluorene;

2,7-bis-(2-ethylaminoethoxy)-fluorene;

2,7-bis-(2-n-propylaminoethoxy)-fluorene;

2,7-bis-(3-methylaminopropoxy)-fluorene;

2,7-bis-(3-ethylaminopropoxy)-fluorene;

2,7-bis-(3-n-propylaminopropoxy)-fluorene;

2,7-bis-(2-dimethylaminoethoxy)-fluorene;

2,7-bis-(2-diethylaminoethoxy)-fluorene;

2,7-bis-(2-di-n-propylaminoethoxy)-fluorene;

2,7-bis-(3-dimethylaminopropoxy)-fluorene;

2,7-bis-(3-diethylaminopropoxy)-fluorene;

2,7-bis-(3-di-n-propylaminopropoxy)-fluorene;
2,7-bis-(2-azetidin-1-yl-ethoxy)-fluorene;
2,7-bis-(2-pyrrolidin-1-yl-ethoxy)-fluorene;
2,7-bis-(2-piperidin-1-yl-ethoxy)-fluorene;
2,7-bis-(3-azetidin-1-yl-propoxy)-fluorene;
2,7-bis-(3-pyrrolidin-1-yl-propoxy)-fluorene;
2,7-bis-(3-piperidin-1-yl-propoxy)-fluorene;
2,7-bis-(2-trimethylammoniumethoxy)-fluorene;
2,7-bis-(3-trimethylammoniumpropoxy)-fluorene;
2,6-bis-(2-aminoethoxy)-fluorene;
2,6-bis-(3-aminopropoxy)-fluorene;
2,6-bis-(2-methylaminoethoxy)-fluorene;
2,6-bis-(2-ethylaminoethoxy)-fluorene;
2,6-bis-(2-n-propylaminoethoxy)-fluorene;
2,6-bis-(3-methylaminopropoxy)-fluorene;
2,6-bis-(3-ethylaminopropoxy)-fluorene;
2,6-bis-(3-n-propylaminopropoxy)-fluorene;
2,6-bis-(2-dimethylaminoethoxy)-fluorene;
2,6-bis-(2-diethylaminoethoxy)-fluorene;
2,6-bis-(2-di-n-propylaminoethoxy)-fluorene;
2,6-bis-(3-dimethylaminopropoxy)-fluorene;
2,6-bis-(3-diethylaminopropoxy)-fluorene;
2,6-bis-(3-di-n-propylaminopropoxy)-fluorene;
2,6-bis-(2-azetidin-1-yl-ethoxy)-fluorene;
2,6-bis-(2-pyrrolidin-1-yl-ethoxy)-fluorene;
2,6-bis-(2-piperidin-1-yl-ethoxy)-fluorene;
2,6-bis-(3-azetidin-1-yl-propoxy)-fluorene;
2,6-bis-(3-pyrrolidin-1-yl-propoxy)-fluorene;
2,6-bis-(3-piperidin-1-yl-propoxy)-fluorene;
2,6-bis-(2-trimethylammoniumethoxy)-fluorene;

2,6-bis-(3-trimethylammoniumpropoxy)-fluorene;
3,6-bis-(2-aminoethoxy)-fluorene;
3,6-bis-(3-aminopropoxy)-fluorene;
3,6-bis-(2-methylaminoethoxy)-fluorene;
3,6-bis-(2-ethylaminoethoxy)-fluorene;
3,6-bis-(2-n-propylaminoethoxy)-fluorene;
3,6-bis-(3-methylaminopropoxy)-fluorene;
3,6-bis-(3-ethylaminopropoxy)-fluorene;
3,6-bis-(3-n-propylaminopropoxy)-fluorene;
3,6-bis-(2-dimethylaminoethoxy)-fluorene;
3,6-bis-(2-diethylaminoethoxy)-fluorene;
3,6-bis-(2-di-n-propylaminoethoxy)-fluorene;
3,6-bis-(3-dimethylaminopropoxy)-fluorene;
3,6-bis-(3-diethylaminopropoxy)-fluorene;
3,6-bis-(3-di-n-propylaminopropoxy)-fluorene;
3,6-bis-(2-azetidin-1-yl-ethoxy)-fluorene;
3,6-bis-(2-pyrrolidin-1-yl-ethoxy)-fluorene;
3,6-bis-(2-piperidin-1-yl-ethoxy)-fluorene;
3,6-bis-(3-azetidin-1-yl-propoxy)-fluorene;
3,6-bis-(3-pyrrolidin-1-yl-propoxy)-fluorene;
3,6-bis-(3-piperidin-1-yl-propoxy)-fluorene;
3,6-bis-(2-trimethylammoniumethoxy)-fluorene;
3,6-bis-(3-trimethylammoniumpropoxy)-fluorene;
2,7-bis-(2-aminoethoxy)-fluoren-9-ol;
2,7-bis-(3-aminopropoxy)-fluoren-9-ol;
2,7-bis-(2-methylaminoethoxy)-fluoren-9-ol;
2,7-bis-(2-ethylaminoethoxy)-fluoren-9-ol;
2,7-bis-(2-n-propylaminoethoxy)-fluoren-9-ol;
2,7-bis-(3-methylaminopropoxy)-fluoren-9-ol;
2,7-bis-(3-ethylaminopropoxy)-fluoren-9-ol;

2,7-bis-(3-n-propylaminopropoxy)-fluoren-9-ol;
2,7-bis-(2-dimethylaminoethoxy)-fluoren-9-ol;
2,7-bis-(2-diethylaminoethoxy)-fluoren-9-ol;
2,7-bis-(2-di-n-propylaminoethoxy)-fluoren-9-ol;
2,7-bis-(3-dimethylaminopropoxy)-fluoren-9-ol;
2,7-bis-(3-diethylaminopropoxy)-fluoren-9-ol;
2,7-bis-(3-di-n-propylaminopropoxy)-fluoren-9-ol;
2,7-bis-(2-azetidin-1-yl-ethoxy)-fluoren-9-ol;
2,7-bis-(2-pyrrolidin-1-yl-ethoxy)-fluoren-9-ol;
2,7-bis-(2-piperidin-1-yl-ethoxy)-fluoren-9-ol;
2,7-bis-(3-azetidin-1-yl-propoxy)-fluoren-9-ol;
2,7-bis-(3-pyrrolidin-1-yl-propoxy)-fluoren-9-ol;
2,7-bis-(3-piperidin-1-yl-propoxy)-fluoren-9-ol;
2,7-bis-(2-trimethylammoniumethoxy)-fluoren-9-ol;
2,7-bis-(3-trimethylammoniumpropoxy)-fluoren-9-ol;
2,6-bis-(2-aminoethoxy)-fluoren-9-ol;
2,6-bis-(3-aminopropoxy)-fluoren-9-ol;
2,6-bis-(2-methylaminoethoxy)-fluoren-9-ol;
2,6-bis-(2-ethylaminoethoxy)-fluoren-9-ol;
2,6-bis-(2-n-propylaminoethoxy)-fluoren-9-ol;
2,6-bis-(3-methylaminopropoxy)-fluoren-9-ol;
2,6-bis-(3-ethylaminopropoxy)-fluoren-9-ol;
2,6-bis-(3-n-propylaminopropoxy)-fluoren-9-ol;
2,6-bis-(2-dimethylaminoethoxy)-fluoren-9-ol;
2,6-bis-(2-diethylaminoethoxy)-fluoren-9-ol;
2,6-bis-(2-di-n-propylaminoethoxy)-fluoren-9-ol;
2,6-bis-(3-dimethylaminopropoxy)-fluoren-9-ol;
2,6-bis-(3-diethylaminopropoxy)-fluoren-9-ol;
2,6-bis-(3-di-n-propylaminopropoxy)-fluoren-9-ol;
2,6-bis-(2-azetidin-1-yl-ethoxy)-fluoren-9-ol;

2,6-bis-(2-pyrrolidin-1-yl-ethoxy)-fluoren-9-ol;
2,6-bis-(2-piperidin-1-yl-ethoxy)-fluoren-9-ol;
2,6-bis-(3-azetidin-1-yl-propoxy)-fluoren-9-ol;
2,6-bis-(3-pyrrolidin-1-yl-propoxy)-fluoren-9-ol;
2,6-bis-(3-piperidin-1-yl-propoxy)-fluoren-9-ol;
2,6-bis-(2-trimethylammoniumethoxy)-fluoren-9-ol;
2,6-bis-(3-trimethylammoniumpropoxy)-fluoren-9-ol;
3,6-bis-(2-aminoethoxy)-fluoren-9-ol;
3,6-bis-(3-aminopropoxy)-fluoren-9-ol;
3,6-bis-(2-methylaminoethoxy)-fluoren-9-ol;
3,6-bis-(2-ethylaminoethoxy)-fluoren-9-ol;
3,6-bis-(2-n-propylaminoethoxy)-fluoren-9-ol;
3,6-bis-(3-methylaminopropoxy)-fluoren-9-ol;
3,6-bis-(3-ethylaminopropoxy)-fluoren-9-ol;
3,6-bis-(3-n-propylaminopropoxy)-fluoren-9-ol;
3,6-bis-(2-dimethylaminoethoxy)-fluoren-9-ol;
3,6-bis-(2-diethylaminoethoxy)-fluoren-9-ol;
3,6-bis-(2-di-n-propylaminoethoxy)-fluoren-9-ol;
3,6-bis-(3-dimethylaminopropoxy)-fluoren-9-ol;
3,6-bis-(3-diethylaminopropoxy)-fluoren-9-ol;
3,6-bis-(3-di-n-propylaminopropoxy)-fluoren-9-ol;
3,6-bis-(2-azetidin-1-yl-ethoxy)-fluoren-9-ol;
3,6-bis-(2-pyrrolidin-1-yl-ethoxy)-fluoren-9-ol;
3,6-bis-(2-piperidin-1-yl-ethoxy)-fluoren-9-ol;
3,6-bis-(3-azetidin-1-yl-propoxy)-fluoren-9-ol;
3,6-bis-(3-pyrrolidin-1-yl-propoxy)-fluoren-9-ol;
3,6-bis-(3-piperidin-1-yl-propoxy)-fluoren-9-ol;
3,6-bis-(2-trimethylammoniumethoxy)-fluoren-9-ol;
3,6-bis-(3-trimethylammoniumpropoxy)-fluoren-9-ol;
2,7-bis-(2-aminoethoxy)-fluoren-9-one;

2,7-bis-(3-aminopropoxy)-fluoren-9-one;
2,7-bis-(2-methylaminoethoxy)-fluoren-9-one;
2,7-bis-(2-ethylaminoethoxy)-fluoren-9-one;
2,7-bis-(2-n-propylaminoethoxy)-fluoren-9-one;
2,7-bis-(3-methylaminopropoxy)-fluoren-9-one;
2,7-bis-(3-ethylaminopropoxy)-fluoren-9-one;
2,7-bis-(3-n-propylaminopropoxy)-fluoren-9-one;
2,7-bis-(2-dimethylaminoethoxy)-fluoren-9-one;
2,7-bis-(2-diethylaminoethoxy)-fluoren-9-one;
2,7-bis-(2-di-n-propylaminoethoxy)-fluoren-9-one;
2,7-bis-(3-dimethylaminopropoxy)-fluoren-9-one;
2,7-bis-(3-diethylaminopropoxy)-fluoren-9-one;
2,7-bis-(3-di-n-propylaminopropoxy)-fluoren-9-one;
2,7-bis-(2-azetidin-1-yl-ethoxy)-fluoren-9-one;
2,7-bis-(2-pyrrolidin-1-yl-ethoxy)-fluoren-9-one;
2,7-bis-(2-piperidin-1-yl-ethoxy)-fluoren-9-one;
2,7-bis-(3-azetidin-1-yl-propoxy)-fluoren-9-one;
2,7-bis-(3-pyrrolidin-1-yl-propoxy)-fluoren-9-one;
2,7-bis-(3-piperidin-1-yl-propoxy)-fluoren-9-one;
2,7-bis-(2-trimethylammoniumethoxy)-fluoren-9-one;
2,7-bis-(3-trimethylammoniumpropoxy)-fluoren-9-one;
2,6-bis-(2-aminoethoxy)-fluoren-9-one;
2,6-bis-(3-aminopropoxy)-fluoren-9-one;
2,6-bis-(2-methylaminoethoxy)-fluoren-9-one;
2,6-bis-(2-ethylaminoethoxy)-fluoren-9-one;
2,6-bis-(2-n-propylaminoethoxy)-fluoren-9-one;
2,6-bis-(3-methylaminopropoxy)-fluoren-9-one;
2,6-bis-(3-ethylaminopropoxy)-fluoren-9-one;
2,6-bis-(3-n-propylaminopropoxy)-fluoren-9-one;
2,6-bis-(2-dimethylaminoethoxy)-fluoren-9-one;

2,6-bis-(2-diethylaminoethoxy)-fluoren-9-one;
2,6-bis-(2-di-n-propylaminoethoxy)-fluoren-9-one;
2,6-bis-(3-dimethylaminopropoxy)-fluoren-9-one;
2,6-bis-(3-diethylaminopropoxy)-fluoren-9-one;
2,6-bis-(3-di-n-propylaminopropoxy)-fluoren-9-one;
2,6-bis-(2-azetidin-1-yl-ethoxy)-fluoren-9-one;
2,6-bis-(2-pyrrolidin-1-yl-ethoxy)-fluoren-9-one;
2,6-bis-(2-piperidin-1-yl-ethoxy)-fluoren-9-one;
2,6-bis-(3-azetidin-1-yl-propoxy)-fluoren-9-one;
2,6-bis-(3-pyrrolidin-1-yl-propoxy)-fluoren-9-one;
2,6-bis-(3-piperidin-1-yl-propoxy)-fluoren-9-one;
2,6-bis-(2-trimethylammoniumethoxy)-fluoren-9-one;
2,6-bis-(3-trimethylammoniumpropoxy)-fluoren-9-one;
3,6-bis-(2-aminoethoxy)-fluoren-9-one;
3,6-bis-(3-aminopropoxy)-fluoren-9-one;
3,6-bis-(2-methylaminoethoxy)-fluoren-9-one;
3,6-bis-(2-ethylaminoethoxy)-fluoren-9-one;
3,6-bis-(2-n-propylaminoethoxy)-fluoren-9-one;
3,6-bis-(3-methylaminopropoxy)-fluoren-9-one;
3,6-bis-(3-ethylaminopropoxy)-fluoren-9-one;
3,6-bis-(3-n-propylaminopropoxy)-fluoren-9-one;
3,6-bis-(2-dimethylaminoethoxy)-fluoren-9-one;
3,6-bis-(2-diethylaminoethoxy)-fluoren-9-one;
3,6-bis-(2-di-n-propylaminoethoxy)-fluoren-9-one;
3,6-bis-(3-dimethylaminopropoxy)-fluoren-9-one;
3,6-bis-(3-diethylaminopropoxy)-fluoren-9-one;
3,6-bis-(3-di-n-propylaminopropoxy)-fluoren-9-one;
3,6-bis-(2-azetidin-1-yl-ethoxy)-fluoren-9-one;
3,6-bis-(2-pyrrolidin-1-yl-ethoxy)-fluoren-9-one;
3,6-bis-(2-piperidin-1-yl-ethoxy)-fluoren-9-one;

3,6-bis-(3-azetidin-1-yl-propoxy)-fluoren-9-one;
3,6-bis-(3-pyrrolidin-1-yl-propoxy)-fluoren-9-one;
3,6-bis-(3-piperidin-1-yl-propoxy)-fluoren-9-one;
3,6-bis-(2-trimethylammoniumethoxy)-fluoren-9-one;
3,6-bis-(3-trimethylammoniumpropoxy)-fluoren-9-one;
3,7-bis-(2-aminoethoxy)-dibenzofuran;
3,7-bis-(3-aminopropoxy)-dibenzofuran;
3,7-bis-(2-methylaminoethoxy)-dibenzofuran;
3,7-bis-(2-ethylaminoethoxy)-dibenzofuran;
3,7-bis-(2-n-propylaminoethoxy)-dibenzofuran;
3,7-bis-(3-methylaminopropoxy)-dibenzofuran;
3,7-bis-(3-ethylaminopropoxy)-dibenzofuran;
3,7-bis-(3-n-propylaminopropoxy)-dibenzofuran;
3,7-bis-(2-dimethylaminoethoxy)-dibenzofuran;
3,7-bis-(2-diethylaminoethoxy)-dibenzofuran;
3,7-bis-(2-di-n-propylaminoethoxy)-dibenzofuran;
3,7-bis-(3-dimethylaminopropoxy)-dibenzofuran;
3,7-bis-(3-diethylaminopropoxy)-dibenzofuran;
3,7-bis-(3-di-n-propylaminopropoxy)-dibenzofuran;
3,7-bis-(2-azetidin-1-yl-ethoxy)-dibenzofuran;
3,7-bis-(2-pyrrolidin-1-yl-ethoxy)-dibenzofuran;
3,7-bis-(2-piperidin-1-yl-ethoxy)-dibenzofuran;
3,7-bis-(3-azetidin-1-yl-propoxy)-dibenzofuran;
3,7-bis-(3-pyrrolidin-1-yl-propoxy)-dibenzofuran;
3,7-bis-(3-piperidin-1-yl-propoxy)-dibenzofuran;
3,7-bis-(2-trimethylammoniumethoxy)-dibenzofuran;
3,7-bis-(3-trimethylammoniumpropoxy)-dibenzofuran;
2,7-bis-(2-aminoethoxy)-dibenzofuran;
2,7-bis-(3-aminopropoxy)-dibenzofuran;
2,7-bis-(2-methylaminoethoxy)-dibenzofuran;

2,7-bis-(2-ethylaminoethoxy)-dibenzofuran;
2,7-bis-(2-n-propylaminoethoxy)-dibenzofuran;
2,7-bis-(3-methylaminopropoxy)-dibenzofuran;
2,7-bis-(3-ethylaminopropoxy)-dibenzofuran;
2,7-bis-(3-n-propylaminopropoxy)-dibenzofuran;
2,7-bis-(2-dimethylaminoethoxy)-dibenzofuran;
2,7-bis-(2-diethylaminoethoxy)-dibenzofuran;
2,7-bis-(2-di-n-propylaminoethoxy)-dibenzofuran;
2,7-bis-(3-dimethylaminopropoxy)-dibenzofuran;
2,7-bis-(3-diethylaminopropoxy)-dibenzofuran;
2,7-bis-(3-di-n-propylaminopropoxy)-dibenzofuran;
2,7-bis-(2-azetidin-1-yl-ethoxy)-dibenzofuran;
2,7-bis-(2-pyrrolidin-1-yl-ethoxy)-dibenzofuran;
2,7-bis-(2-piperidin-1-yl-ethoxy)-dibenzofuran;
2,7-bis-(3-azetidin-1-yl-propoxy)-dibenzofuran;
2,7-bis-(3-pyrrolidin-1-yl-propoxy)-dibenzofuran;
2,7-bis-(3-piperidin-1-yl-propoxy)-dibenzofuran;
2,7-bis-(2-trimethylammoniumethoxy)-dibenzofuran;
2,7-bis-(3-trimethylammoniumpropoxy)-dibenzofuran;
2,8-bis-(2-aminoethoxy)-dibenzofuran;
2,8-bis-(3-aminopropoxy)-dibenzofuran;
2,8-bis-(2-methylaminoethoxy)-dibenzofuran;
2,8-bis-(2-ethylaminoethoxy)-dibenzofuran;
2,8-bis-(2-n-propylaminoethoxy)-dibenzofuran;
2,8-bis-(3-methylaminopropoxy)-dibenzofuran;
2,8-bis-(3-ethylaminopropoxy)-dibenzofuran;
2,8-bis-(3-n-propylaminopropoxy)-dibenzofuran;
2,8-bis-(2-dimethylaminoethoxy)-dibenzofuran;
2,8-bis-(2-diethylaminoethoxy)-dibenzofuran;
2,8-bis-(2-di-n-propylaminoethoxy)-dibenzofuran;

2,8-bis-(3-dimethylaminopropoxy)-dibenzofuran;
2,8-bis-(3-diethylaminopropoxy)-dibenzofuran;
2,8-bis-(3-di-n-propylaminopropoxy)-dibenzofuran;
2,8-bis-(2-azetidin-1-yl-ethoxy)-dibenzofuran;
2,8-bis-(2-pyrrolidin-1-yl-ethoxy)-dibenzofuran;
2,8-bis-(2-piperidin-1-yl-ethoxy)-dibenzofuran;
2,8-bis-(3-azetidin-1-yl-propoxy)-dibenzofuran;
2,8-bis-(3-pyrrolidin-1-yl-propoxy)-dibenzofuran;
2,8-bis-(3-piperidin-1-yl-propoxy)-dibenzofuran;
2,8-bis-(2-trimethylammoniumethoxy)-dibenzofuran;
2,8-bis-(3-trimethylammoniumpropoxy)-dibenzofuran;
3,7-bis-(2-aminoethoxy)-dibenzothiophene;
3,7-bis-(3-aminopropoxy)-dibenzothiophene;
3,7-bis-(2-methylaminoethoxy)-dibenzothiophene;
3,7-bis-(2-ethylaminoethoxy)-dibenzothiophene;
3,7-bis-(2-n-propylaminoethoxy)-dibenzothiophene;
3,7-bis-(3-methylaminopropoxy)-dibenzothiophene;
3,7-bis-(3-ethylaminopropoxy)-dibenzothiophene;
3,7-bis-(3-n-propylaminopropoxy)-dibenzothiophene;
3,7-bis-(2-dimethylaminoethoxy)-dibenzothiophene;
3,7-bis-(2-diethylaminoethoxy)-dibenzothiophene;
3,7-bis-(2-di-n-propylaminoethoxy)-dibenzothiophene;
3,7-bis-(3-dimethylaminopropoxy)-dibenzothiophene;
3,7-bis-(3-diethylaminopropoxy)-dibenzothiophene;
3,7-bis-(3-di-n-propylaminopropoxy)-dibenzothiophene;
3,7-bis-(2-azetidin-1-yl-ethoxy)-dibenzothiophene;
3,7-bis-(2-pyrrolidin-1-yl-ethoxy)-dibenzothiophene;
3,7-bis-(2-piperidin-1-yl-ethoxy)-dibenzothiophene;
3,7-bis-(3-azetidin-1-yl-propoxy)-dibenzothiophene;
3,7-bis-(3-pyrrolidin-1-yl-propoxy)-dibenzothiophene;

3,7-bis-(3-piperidin-1-yl-propoxy)-dibenzothiophene;
3,7-bis-(2-trimethylammoniumethoxy)-dibenzothiophene;
3,7-bis-(3-trimethylammoniumpropoxy)-dibenzothiophene;
2,7-bis-(2-aminoethoxy)-dibenzothiophene;
2,7-bis-(3-aminopropoxy)-dibenzothiophene;
2,7-bis-(2-methylaminoethoxy)-dibenzothiophene;
2,7-bis-(2-ethylaminoethoxy)-dibenzothiophene;
2,7-bis-(2-n-propylaminoethoxy)-dibenzothiophene;
2,7-bis-(3-methylaminopropoxy)-dibenzothiophene;
2,7-bis-(3-ethylaminopropoxy)-dibenzothiophene;
2,7-bis-(3-n-propylaminopropoxy)-dibenzothiophene;
2,7-bis-(2-dimethylaminoethoxy)-dibenzothiophene;
2,7-bis-(2-diethylaminoethoxy)-dibenzothiophene;
2,7-bis-(2-di-n-propylaminoethoxy)-dibenzothiophene;
2,7-bis-(3-dimethylaminopropoxy)-dibenzothiophene;
2,7-bis-(3-diethylaminopropoxy)-dibenzothiophene;
2,7-bis-(3-di-n-propylaminopropoxy)-dibenzothiophene;
2,7-bis-(2-azetidin-1-yl-ethoxy)-dibenzothiophene;
2,7-bis-(2-pyrrolidin-1-yl-ethoxy)-dibenzothiophene;
2,7-bis-(2-piperidin-1-yl-ethoxy)-dibenzothiophene;
2,7-bis-(3-azetidin-1-yl-propoxy)-dibenzothiophene;
2,7-bis-(3-pyrrolidin-1-yl-propoxy)-dibenzothiophene;
2,7-bis-(3-piperidin-1-yl-propoxy)-dibenzothiophene;
2,7-bis-(2-trimethylammoniumethoxy)-dibenzothiophene;
2,7-bis-(3-trimethylammoniumpropoxy)-dibenzothiophene;
2,8-bis-(2-aminoethoxy)-dibenzothiophene;
2,8-bis-(3-aminopropoxy)-dibenzothiophene;
2,8-bis-(2-methylaminoethoxy)-dibenzothiophene;
2,8-bis-(2-ethylaminoethoxy)-dibenzothiophene;
2,8-bis-(2-n-propylaminoethoxy)-dibenzothiophene;

2,8-bis-(3-methylaminopropoxy)-dibenzothiophene;
2,8-bis-(3-ethylaminopropoxy)-dibenzothiophene;
2,8-bis-(3-n-propylaminopropoxy)-dibenzothiophene;
2,8-bis-(2-dimethylaminoethoxy)-dibenzothiophene;
2,8-bis-(2-diethylaminoethoxy)-dibenzothiophene;
2,8-bis-(2-di-n-propylaminoethoxy)-dibenzothiophene;
2,8-bis-(3-dimethylaminopropoxy)-dibenzothiophene;
2,8-bis-(3-diethylaminopropoxy)-dibenzothiophene;
2,8-bis-(3-di-n-propylaminopropoxy)-dibenzothiophene;
2,8-bis-(2-azetidin-1-yl-ethoxy)-dibenzothiophene;
2,8-bis-(2-pyrrolidin-1-yl-ethoxy)-dibenzothiophene;
2,8-bis-(2-piperidin-1-yl-ethoxy)-dibenzothiophene;
2,8-bis-(3-azetidin-1-yl-propoxy)-dibenzothiophene;
2,8-bis-(3-pyrrolidin-1-yl-propoxy)-dibenzothiophene;
2,8-bis-(3-piperidin-1-yl-propoxy)-dibenzothiophene;
2,8-bis-(2-trimethylammoniumethoxy)-dibenzothiophene;
2,8-bis-(3-trimethylammoniumpropoxy)-dibenzothiophene;
3,7-bis-(2-aminoethoxy)-dibenzothiophene-5-oxide;
3,7-bis-(3-aminopropoxy)-dibenzothiophene-5-oxide;
3,7-bis-(2-methylaminoethoxy)-dibenzothiophene-5-oxide;
3,7-bis-(2-ethylaminoethoxy)-dibenzothiophene-5-oxide;
3,7-bis-(2-n-propylaminoethoxy)-dibenzothiophene-5-oxide;
3,7-bis-(3-methylaminopropoxy)-dibenzothiophene-5-oxide;
3,7-bis-(3-ethylaminopropoxy)-dibenzothiophene-5-oxide;
3,7-bis-(3-n-propylaminopropoxy)-dibenzothiophene-5-oxide;
3,7-bis-(2-dimethylaminoethoxy)-dibenzothiophene-5-oxide;
3,7-bis-(2-diethylaminoethoxy)-dibenzothiophene-5-oxide;
3,7-bis-(2-di-n-propylaminoethoxy)-dibenzothiophene-5-oxide;
3,7-bis-(3-dimethylaminopropoxy)-dibenzothiophene-5-oxide;
3,7-bis-(3-diethylaminopropoxy)-dibenzothiophene-5-oxide;

3,7-bis-(3-di-n-propylaminopropoxy)-dibenzothiophene-5-oxide;
3,7-bis-(2-azetidin-1-yl-ethoxy)-dibenzothiophene-5-oxide;
3,7-bis-(2-pyrrolidin-1-yl-ethoxy)-dibenzothiophene-5-oxide;
3,7-bis-(2-piperidin-1-yl-ethoxy)-dibenzothiophene-5-oxide;
3,7-bis-(3-azetidin-1-yl-propoxy)-dibenzothiophene-5-oxide;
3,7-bis-(3-pyrrolidin-1-yl-propoxy)-dibenzothiophene-5-oxide;
3,7-bis-(3-piperidin-1-yl-propoxy)-dibenzothiophene-5-oxide;
3,7-bis-(2-trimethylammoniumethoxy)-dibenzothiophene-5-oxide;
3,7-bis-(3-trimethylammoniumpropoxy)-dibenzothiophene-5-oxide;
2,7-bis-(2-aminoethoxy)-dibenzothiophene-5-oxide;
2,7-bis-(3-aminopropoxy)-dibenzothiophene-5-oxide;
2,7-bis-(2-methylaminoethoxy)-dibenzothiophene-5-oxide;
2,7-bis-(2-ethylaminoethoxy)-dibenzothiophene-5-oxide;
2,7-bis-(2-n-propylaminoethoxy)-dibenzothiophene-5-oxide;
2,7-bis-(3-methylaminopropoxy)-dibenzothiophene-5-oxide;
2,7-bis-(3-ethylaminopropoxy)-dibenzothiophene-5-oxide;
2,7-bis-(3-n-propylaminopropoxy)-dibenzothiophene-5-oxide;
2,7-bis-(2-dimethylaminoethoxy)-dibenzothiophene-5-oxide;
2,7-bis-(2-diethylaminoethoxy)-dibenzothiophene-5-oxide;
2,7-bis-(2-di-n-propylaminoethoxy)-dibenzothiophene-5-oxide;
2,7-bis-(3-dimethylaminopropoxy)-dibenzothiophene-5-oxide;
2,7-bis-(3-diethylaminopropoxy)-dibenzothiophene-5-oxide;
2,7-bis-(3-di-n-propylaminopropoxy)-dibenzothiophene-5-oxide;
2,7-bis-(2-azetidin-1-yl-ethoxy)-dibenzothiophene-5-oxide;
2,7-bis-(2-pyrrolidin-1-yl-ethoxy)-dibenzothiophene-5-oxide;
2,7-bis-(2-piperidin-1-yl-ethoxy)-dibenzothiophene-5-oxide;
2,7-bis-(3-azetidin-1-yl-propoxy)-dibenzothiophene-5-oxide;
2,7-bis-(3-pyrrolidin-1-yl-propoxy)-dibenzothiophene-5-oxide;
2,7-bis-(3-piperidin-1-yl-propoxy)-dibenzothiophene-5-oxide;
2,7-bis-(2-trimethylammoniumethoxy)-dibenzothiophene-5-oxide;

2,7-bis-(3-trimethylammoniumpropoxy)-dibenzothiophene-5-oxide;
2,8-bis-(2-aminoethoxy)-dibenzothiophene-5-oxide;
2,8-bis-(3-aminopropoxy)-dibenzothiophene-5-oxide;
2,8-bis-(2-methylaminoethoxy)-dibenzothiophene-5-oxide;
2,8-bis-(2-ethylaminoethoxy)-dibenzothiophene-5-oxide;
2,8-bis-(2-n-propylaminoethoxy)-dibenzothiophene-5-oxide;
2,8-bis-(3-methylaminopropoxy)-dibenzothiophene-5-oxide;
2,8-bis-(3-ethylaminopropoxy)-dibenzothiophene-5-oxide;
2,8-bis-(3-n-propylaminopropoxy)-dibenzothiophene-5-oxide;
2,8-bis-(2-dimethylaminoethoxy)-dibenzothiophene-5-oxide;
2,8-bis-(2-diethylaminoethoxy)-dibenzothiophene-5-oxide;
2,8-bis-(2-di-n-propylaminoethoxy)-dibenzothiophene-5-oxide;
2,8-bis-(3-dimethylaminopropoxy)-dibenzothiophene-5-oxide;
2,8-bis-(3-diethylaminopropoxy)-dibenzothiophene-5-oxide;
2,8-bis-(3-di-n-propylaminopropoxy)-dibenzothiophene-5-oxide;
2,8-bis-(2-azetidin-1-yl-ethoxy)-dibenzothiophene-5-oxide;
2,8-bis-(2-pyrrolidin-1-yl-ethoxy)-dibenzothiophene-5-oxide;
2,8-bis-(2-piperidin-1-yl-ethoxy)-dibenzothiophene-5-oxide;
2,8-bis-(3-azetidin-1-yl-propoxy)-dibenzothiophene-5-oxide;
2,8-bis-(3-pyrrolidin-1-yl-propoxy)-dibenzothiophene-5-oxide;
2,8-bis-(3-piperidin-1-yl-propoxy)-dibenzothiophene-5-oxide;
2,8-bis-(2-trimethylammoniumethoxy)-dibenzothiophene-5-oxide;
2,8-bis-(3-trimethylammoniumpropoxy)-dibenzothiophene-5-oxide;
3,7-bis-(2-aminoethoxy)-dibenzothiophene-5,5-dioxide;
3,7-bis-(3-aminopropoxy)-dibenzothiophene-5,5-dioxide;
3,7-bis-(2-methylaminoethoxy)-dibenzothiophene-5,5-dioxide;
3,7-bis-(2-ethylaminoethoxy)-dibenzothiophene-5,5-dioxide;
3,7-bis-(2-n-propylaminoethoxy)-dibenzothiophene-5,5-dioxide;
3,7-bis-(3-methylaminopropoxy)-dibenzothiophene-5,5-dioxide;
3,7-bis-(3-ethylaminopropoxy)-dibenzothiophene-5,5-dioxide;

3,7-bis-(3-n-propylaminopropoxy)-dibenzothiophene-5,5-dioxide;
3,7-bis-(2-dimethylaminoethoxy)-dibenzothiophene-5,5-dioxide;
3,7-bis-(2-diethylaminoethoxy)-dibenzothiophene-5,5-dioxide;
3,7-bis-(2-di-n-propylaminoethoxy)-dibenzothiophene-5,5-dioxide;
3,7-bis-(3-dimethylaminopropoxy)-dibenzothiophene-5,5-dioxide;
3,7-bis-(3-diethylaminopropoxy)-dibenzothiophene-5,5-dioxide;
3,7-bis-(3-di-n-propylaminopropoxy)-dibenzothiophene-5,5-dioxide;
3,7-bis-(2-azetidin-1-yl-ethoxy)-dibenzothiophene-5,5-dioxide;
3,7-bis-(2-pyrrolidin-1-yl-ethoxy)-dibenzothiophene-5,5-dioxide;
3,7-bis-(2-piperidin-1-yl-ethoxy)-dibenzothiophene-5,5-dioxide;
3,7-bis-(3-azetidin-1-yl-propoxy)-dibenzothiophene-5,5-dioxide;
3,7-bis-(3-pyrrolidin-1-yl-propoxy)-dibenzothiophene-5,5-dioxide;
3,7-bis-(3-piperidin-1-yl-propoxy)-dibenzothiophene-5,5-dioxide;
3,7-bis-(2-trimethylammoniumethoxy)-dibenzothiophene-5,5-dioxide;
3,7-bis-(3-trimethylammoniumpropoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(2-aminoethoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(3-aminopropoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(2-methylaminoethoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(2-ethylaminoethoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(2-n-propylaminoethoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(3-methylaminopropoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(3-ethylaminopropoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(3-n-propylaminopropoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(2-dimethylaminoethoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(2-diethylaminoethoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(2-di-n-propylaminoethoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(3-dimethylaminopropoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(3-diethylaminopropoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(3-di-n-propylaminopropoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(2-azetidin-1-yl-ethoxy)-dibenzothiophene-5,5-dioxide;

2,7-bis-(2-pyrrolidin-1-yl-ethoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(2-piperidin-1-yl-ethoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(3-azetidin-1-yl-propoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(3-pyrrolidin-1-yl-propoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(3-piperidin-1-yl-propoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(2-trimethylammoniumethoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(3-trimethylammoniumpropoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(2-aminoethoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(3-aminopropoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(2-methylaminoethoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(2-ethylaminoethoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(2-n-propylaminoethoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(3-methylaminopropoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(3-ethylaminopropoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(3-n-propylaminopropoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(2-dimethylaminoethoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(2-diethylaminoethoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(2-di-n-propylaminoethoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(3-dimethylaminopropoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(3-diethylaminopropoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(3-di-n-propylaminopropoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(2-azetidin-1-yl-ethoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(2-pyrrolidin-1-yl-ethoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(2-piperidin-1-yl-ethoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(3-azetidin-1-yl-propoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(3-pyrrolidin-1-yl-propoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(3-piperidin-1-yl-propoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(2-trimethylammoniumethoxy)-dibenzothiophene-5,5-dioxide;
2,8-bis-(3-trimethylammoniumpropoxy)-dibenzothiophene-5,5-dioxide;
2,7-bis-(2-aminoethoxy)-9H-carbazole;

2,7-bis-(3-aminopropoxy)-9H-carbazole;
2,7-bis-(2-methylaminoethoxy)-9H-carbazole;
2,7-bis-(2-ethylaminoethoxy)-9H-carbazole;
2,7-bis-(2-n-propylaminoethoxy)-9H-carbazole;
2,7-bis-(3-methylaminopropoxy)-9H-carbazole;
2,7-bis-(3-ethylaminopropoxy)-9H-carbazole;
2,7-bis-(3-n-propylaminopropoxy)-9H-carbazole;
2,7-bis-(2-dimethylaminoethoxy)-9H-carbazole;
2,7-bis-(2-diethylaminoethoxy)-9H-carbazole;
2,7-bis-(2-di-n-propylaminoethoxy)-9H-carbazole;
2,7-bis-(3-dimethylaminopropoxy)-9H-carbazole;
2,7-bis-(3-diethylaminopropoxy)-9H-carbazole;
2,7-bis-(3-di-n-propylaminopropoxy)-9H-carbazole;
2,7-bis-(2-azetidin-1-yl-ethoxy)-9H-carbazole;
2,7-bis-(2-pyrrolidin-1-yl-ethoxy)-9H-carbazole;
2,7-bis-(2-piperidin-1-yl-ethoxy)-9H-carbazole;
2,7-bis-(3-azetidin-1-yl-propoxy)-9H-carbazole;
2,7-bis-(3-pyrrolidin-1-yl-propoxy)-9H-carbazole;
2,7-bis-(3-piperidin-1-yl-propoxy)-9H-carbazole;
2,7-bis-(2-trimethylammoniumethoxy)-9H-carbazole;
2,7-bis-(3-trimethylammoniumpropoxy)-9H-carbazole;
2,6-bis-(2-aminoethoxy)-9H-carbazole;
2,6-bis-(3-aminopropoxy)-9H-carbazole;
2,6-bis-(2-methylaminoethoxy)-9H-carbazole;
2,6-bis-(2-ethylaminoethoxy)-9H-carbazole;
2,6-bis-(2-n-propylaminoethoxy)-9H-carbazole;
2,6-bis-(3-methylaminopropoxy)-9H-carbazole;
2,6-bis-(3-ethylaminopropoxy)-9H-carbazole;
2,6-bis-(3-n-propylaminopropoxy)-9H-carbazole;
2,6-bis-(2-dimethylaminoethoxy)-9H-carbazole;

2,6-bis-(2-diethylaminoethoxy)-9H-carbazole;
2,6-bis-(2-di-n-propylaminoethoxy)-9H-carbazole;
2,6-bis-(3-dimethylaminopropoxy)-9H-carbazole;
2,6-bis-(3-diethylaminopropoxy)-9H-carbazole;
2,6-bis-(3-di-n-propylaminopropoxy)-9H-carbazole;
2,6-bis-(2-azetidin-1-yl-ethoxy)-9H-carbazole;
2,6-bis-(2-pyrrolidin-1-yl-ethoxy)-9H-carbazole;
2,6-bis-(2-piperidin-1-yl-ethoxy)-9H-carbazole;
2,6-bis-(3-azetidin-1-yl-propoxy)-9H-carbazole;
2,6-bis-(3-pyrrolidin-1-yl-propoxy)-9H-carbazole;
2,6-bis-(3-piperidin-1-yl-propoxy)-9H-carbazole;
2,6-bis-(2-trimethylammoniumethoxy)-9H-carbazole;
2,6-bis-(3-trimethylammoniumpropoxy)-9H-carbazole;
3,6-bis-(2-aminoethoxy)-9H-carbazole;
3,6-bis-(3-aminopropoxy)-9H-carbazole;
3,6-bis-(2-methylaminoethoxy)-9H-carbazole;
3,6-bis-(2-ethylaminoethoxy)-9H-carbazole;
3,6-bis-(2-n-propylaminoethoxy)-9H-carbazole;
3,6-bis-(3-methylaminopropoxy)-9H-carbazole;
3,6-bis-(3-ethylaminopropoxy)-9H-carbazole;
3,6-bis-(3-n-propylaminopropoxy)-9H-carbazole;
3,6-bis-(2-dimethylaminoethoxy)-9H-carbazole;
3,6-bis-(2-diethylaminoethoxy)-9H-carbazole;
3,6-bis-(2-di-n-propylaminoethoxy)-9H-carbazole;
3,6-bis-(3-dimethylaminopropoxy)-9H-carbazole;
3,6-bis-(3-diethylaminopropoxy)-9H-carbazole;
3,6-bis-(3-di-n-propylaminopropoxy)-9H-carbazole;
3,6-bis-(2-azetidin-1-yl-ethoxy)-9H-carbazole;
3,6-bis-(2-pyrrolidin-1-yl-ethoxy)-9H-carbazole;
3,6-bis-(2-piperidin-1-yl-ethoxy)-9H-carbazole;

3,6-bis-(3-azetidin-1-yl-propoxy)-9H-carbazole;
3,6-bis-(3-pyrrolidin-1-yl-propoxy)-9H-carbazole;
3,6-bis-(3-piperidin-1-yl-propoxy)-9H-carbazole;
3,6-bis-(2-trimethylammoniumethoxy)-9H-carbazole;
3,6-bis-(3-trimethylammoniumpropoxy)-9H-carbazole;
2,7-bis-(2-aminoethoxy)-9-methyl-9H-carbazole;
2,7-bis-(3-aminopropoxy)-9-methyl-9H-carbazole;
2,7-bis-(2-methylaminoethoxy)-9-methyl-9H-carbazole;
2,7-bis-(2-ethylaminoethoxy)-9-methyl-9H-carbazole;
2,7-bis-(2-n-propylaminoethoxy)-9-methyl-9H-carbazole;
2,7-bis-(3-methylaminopropoxy)-9-methyl-9H-carbazole;
2,7-bis-(3-ethylaminopropoxy)-9-methyl-9H-carbazole;
2,7-bis-(3-n-propylaminopropoxy)-9-methyl-9H-carbazole;
2,7-bis-(2-dimethylaminoethoxy)-9-methyl-9H-carbazole;
2,7-bis-(2-diethylaminoethoxy)-9-methyl-9H-carbazole;
2,7-bis-(2-di-n-propylaminoethoxy)-9-methyl-9H-carbazole;
2,7-bis-(3-dimethylaminopropoxy)-9-methyl-9H-carbazole;
2,7-bis-(3-diethylaminopropoxy)-9-methyl-9H-carbazole;
2,7-bis-(3-di-n-propylaminopropoxy)-9-methyl-9H-carbazole;
2,7-bis-(2-azetidin-1-yl-ethoxy)-9-methyl-9H-carbazole;
2,7-bis-(2-pyrrolidin-1-yl-ethoxy)-9-methyl-9H-carbazole;
2,7-bis-(2-piperidin-1-yl-ethoxy)-9-methyl-9H-carbazole;
2,7-bis-(3-azetidin-1-yl-propoxy)-9-methyl-9H-carbazole;
2,7-bis-(3-pyrrolidin-1-yl-propoxy)-9-methyl-9H-carbazole;
2,7-bis-(3-piperidin-1-yl-propoxy)-9-methyl-9H-carbazole;
2,7-bis-(2-trimethylammoniumethoxy)-9-methyl-9H-carbazole;
2,7-bis-(3-trimethylammoniumpropoxy)-9-methyl-9H-carbazole;
2,6-bis-(2-aminoethoxy)-9-methyl-9H-carbazole;
2,6-bis-(3-aminopropoxy)-9-methyl-9H-carbazole;
2,6-bis-(2-methylaminoethoxy)-9-methyl-9H-carbazole;

2,6-bis-(2-ethylaminoethoxy)-9-methyl-9H-carbazole;
2,6-bis-(2-n-propylaminoethoxy)-9-methyl-9H-carbazole;
2,6-bis-(3-methylaminopropoxy)-9-methyl-9H-carbazole;
2,6-bis-(3-ethylaminopropoxy)-9-methyl-9H-carbazole;
2,6-bis-(3-n-propylaminopropoxy)-9-methyl-9H-carbazole;
2,6-bis-(2-dimethylaminoethoxy)-9-methyl-9H-carbazole;
2,6-bis-(2-diethylaminoethoxy)-9-methyl-9H-carbazole;
2,6-bis-(2-di-n-propylaminoethoxy)-9-methyl-9H-carbazole;
2,6-bis-(3-dimethylaminopropoxy)-9-methyl-9H-carbazole;
2,6-bis-(3-diethylaminopropoxy)-9-methyl-9H-carbazole;
2,6-bis-(3-di-n-propylaminopropoxy)-9-methyl-9H-carbazole;
2,6-bis-(2-azetidin-1-yl-ethoxy)-9-methyl-9H-carbazole;
2,6-bis-(2-pyrrolidin-1-yl-ethoxy)-9-methyl-9H-carbazole;
2,6-bis-(2-piperidin-1-yl-ethoxy)-9-methyl-9H-carbazole;
2,6-bis-(3-azetidin-1-yl-propoxy)-9-methyl-9H-carbazole;
2,6-bis-(3-pyrrolidin-1-yl-propoxy)-9-methyl-9H-carbazole;
2,6-bis-(3-piperidin-1-yl-propoxy)-9-methyl-9H-carbazole;
2,6-bis-(2-trimethylammoniumethoxy)-9-methyl-9H-carbazole;
2,6-bis-(3-trimethylammoniumpropoxy)-9-methyl-9H-carbazole;
3,6-bis-(2-aminoethoxy)-9-methyl-9H-carbazole;
3,6-bis-(3-aminopropoxy)-9-methyl-9H-carbazole;
3,6-bis-(2-methylaminoethoxy)-9-methyl-9H-carbazole;
3,6-bis-(2-ethylaminoethoxy)-9-methyl-9H-carbazole;
3,6-bis-(2-n-propylaminoethoxy)-9-methyl-9H-carbazole;
3,6-bis-(3-methylaminopropoxy)-9-methyl-9H-carbazole;
3,6-bis-(3-ethylaminopropoxy)-9-methyl-9H-carbazole;
3,6-bis-(3-n-propylaminopropoxy)-9-methyl-9H-carbazole;
3,6-bis-(2-dimethylaminoethoxy)-9-methyl-9H-carbazole;
3,6-bis-(2-diethylaminoethoxy)-9-methyl-9H-carbazole;
3,6-bis-(2-di-n-propylaminoethoxy)-9-methyl-9H-carbazole;

3,6-bis-(3-dimethylaminopropoxy)-9-methyl-9H-carbazole;
3,6-bis-(3-diethylaminopropoxy)-9-methyl-9H-carbazole;
3,6-bis-(3-di-n-propylaminopropoxy)-9-methyl-9H-carbazole;
3,6-bis-(2-azetidin-1-yl-ethoxy)-9-methyl-9H-carbazole;
3,6-bis-(2-pyrrolidin-1-yl-ethoxy)-9-methyl-9H-carbazole;
3,6-bis-(2-piperidin-1-yl-ethoxy)-9-methyl-9H-carbazole;
3,6-bis-(3-azetidin-1-yl-propoxy)-9-methyl-9H-carbazole;
3,6-bis-(3-pyrrolidin-1-yl-propoxy)-9-methyl-9H-carbazole;
3,6-bis-(3-piperidin-1-yl-propoxy)-9-methyl-9H-carbazole;
3,6-bis-(2-trimethylammoniumethoxy)-9-methyl-9H-carbazole;
3,6-bis-(3-trimethylammoniumpropoxy)-9-methyl-9H-carbazole;
2,7-bis-(2-aminoethoxy)-xanthen-9-one;
2,7-bis-(3-aminopropoxy)-xanthen-9-one;
2,7-bis-(2-methylaminoethoxy)-xanthen-9-one;
2,7-bis-(2-ethylaminoethoxy)-xanthen-9-one;
2,7-bis-(2-n-propylaminoethoxy)-xanthen-9-one;
2,7-bis-(3-methylaminopropoxy)-xanthen-9-one;
2,7-bis-(3-ethylaminopropoxy)-xanthen-9-one;
2,7-bis-(3-n-propylaminopropoxy)-xanthen-9-one;
2,7-bis-(2-dimethylaminoethoxy)-xanthen-9-one;
2,7-bis-(2-diethylaminoethoxy)-xanthen-9-one;
2,7-bis-(2-di-n-propylaminoethoxy)-xanthen-9-one;
2,7-bis-(3-dimethylaminopropoxy)-xanthen-9-one;
2,7-bis-(3-diethylaminopropoxy)-xanthen-9-one;
2,7-bis-(3-di-n-propylaminopropoxy)-xanthen-9-one;
2,7-bis-(2-azetidin-1-yl-ethoxy)-xanthen-9-one;
2,7-bis-(2-pyrrolidin-1-yl-ethoxy)-xanthen-9-one;
2,7-bis-(2-piperidin-1-yl-ethoxy)-xanthen-9-one;
2,7-bis-(3-azetidin-1-yl-propoxy)-xanthen-9-one;
2,7-bis-(3-pyrrolidin-1-yl-propoxy)-xanthen-9-one;

2,7-bis-(3-piperidin-1-yl-propoxy)-xanthen-9-one;
2,7-bis-(2-trimethylammoniumethoxy)-xanthen-9-one;
2,7-bis-(3-trimethylammoniumpropoxy)-xanthen-9-one;
2,6-bis-(2-methylaminoethoxy)-xanthen-9-one;
2,6-bis-(2-ethylaminoethoxy)-xanthen-9-one;
2,6-bis-(2-n-propylaminoethoxy)-xanthen-9-one;
2,6-bis-(3-methylaminopropoxy)-xanthen-9-one;
2,6-bis-(3-ethylaminopropoxy)-xanthen-9-one;
2,6-bis-(3-n-propylaminopropoxy)-xanthen-9-one;
2,6-bis-(2-dimethylaminoethoxy)-xanthen-9-one;
2,6-bis-(2-diethylaminoethoxy)-xanthen-9-one;
2,6-bis-(2-di-n-propylaminoethoxy)-xanthen-9-one;
2,6-bis-(3-dimethylaminopropoxy)-xanthen-9-one;
2,6-bis-(3-diethylaminopropoxy)-xanthen-9-one;
2,6-bis-(3-di-n-propylaminopropoxy)-xanthen-9-one;
2,6-bis-(2-azetidin-1-yl-ethoxy)-xanthen-9-one;
2,6-bis-(2-pyrrolidin-1-yl-ethoxy)-xanthen-9-one;
2,6-bis-(2-piperidin-1-yl-ethoxy)-xanthen-9-one;
2,6-bis-(3-azetidin-1-yl-propoxy)-xanthen-9-one;
2,6-bis-(3-pyrrolidin-1-yl-propoxy)-xanthen-9-one;
2,6-bis-(3-piperidin-1-yl-propoxy)-xanthen-9-one;
2,6-bis-(2-trimethylammoniumethoxy)-xanthen-9-one;
2,6-bis-(3-trimethylammoniumpropoxy)-xanthen-9-one;
3,6-bis-(2-aminoethoxy)-xanthen-9-one;
3,6-bis-(3-aminopropoxy)-xanthen-9-one;
3,6-bis-(2-methylaminoethoxy)-xanthen-9-one;
3,6-bis-(2-ethylaminoethoxy)-xanthen-9-one;
3,6-bis-(2-n-propylaminoethoxy)-xanthen-9-one;
3,6-bis-(3-methylaminopropoxy)-xanthen-9-one;
3,6-bis-(3-ethylaminopropoxy)-xanthen-9-one;

3,6-bis-(3-n-propylaminopropoxy)-xanthen-9-one;
3,6-bis-(2-dimethylaminoethoxy)-xanthen-9-one;
3,6-bis-(2-diethylaminoethoxy)-xanthen-9-one;
3,6-bis-(2-di-n-propylaminoethoxy)-xanthen-9-one;
3,6-bis-(3-dimethylaminopropoxy)-xanthen-9-one;
3,6-bis-(3-diethylaminopropoxy)-xanthen-9-one;
3,6-bis-(3-di-n-propylaminopropoxy)-xanthen-9-one;
3,6-bis-(2-azetidin-1-yl-ethoxy)-xanthen-9-one;
3,6-bis-(2-pyrrolidin-1-yl-ethoxy)-xanthen-9-one;
3,6-bis-(2-piperidin-1-yl-ethoxy)-xanthen-9-one;
3,6-bis-(3-azetidin-1-yl-propoxy)-xanthen-9-one;
3,6-bis-(3-pyrrolidin-1-yl-propoxy)-xanthen-9-one;
3,6-bis-(3-piperidin-1-yl-propoxy)-xanthen-9-one;
3,6-bis-(2-trimethylammoniumethoxy)-xanthen-9-one;
3,6-bis-(3-trimethylammoniumpropoxy)-xanthen-9-one;
2,7-bis-(2-aminoethoxy)-thioxanthen-9-one;
2,7-bis-(3-aminopropoxy)-thioxanthen-9-one;
2,7-bis-(2-methylaminoethoxy)-thioxanthen-9-one;
2,7-bis-(2-ethylaminoethoxy)-thioxanthen-9-one;
2,7-bis-(2-n-propylaminoethoxy)-thioxanthen-9-one;
2,7-bis-(3-methylaminopropoxy)-thioxanthen-9-one;
2,7-bis-(3-ethylaminopropoxy)-thioxanthen-9-one;
2,7-bis-(3-n-propylaminopropoxy)-thioxanthen-9-one;
2,7-bis-(2-dimethylaminoethoxy)-thioxanthen-9-one;
2,7-bis-(2-diethylaminoethoxy)-thioxanthen-9-one;
2,7-bis-(2-di-n-propylaminoethoxy)-thioxanthen-9-one;
2,7-bis-(3-dimethylaminopropoxy)-thioxanthen-9-one;
2,7-bis-(3-diethylaminopropoxy)-thioxanthen-9-one;
2,7-bis-(3-di-n-propylaminopropoxy)-thioxanthen-9-one;
2,7-bis-(2-azetidin-1-yl-ethoxy)-thioxanthen-9-one;

2,7-bis-(2-pyrrolidin-1-yl-ethoxy)-thioxanthen-9-one;
2,7-bis-(2-piperidin-1-yl-ethoxy)-thioxanthen-9-one;
2,7-bis-(3-azetidin-1-yl-propoxy)-thioxanthen-9-one;
2,7-bis-(3-pyrrolidin-1-yl-propoxy)-thioxanthen-9-one;
2,7-bis-(3-piperidin-1-yl-propoxy)-thioxanthen-9-one;
2,7-bis-(2-trimethylammoniumethoxy)-thioxanthen-9-one;
2,7-bis-(3-trimethylammoniumpropoxy)-thioxanthen-9-one;
2,6-bis-(2-methylaminoethoxy)-thioxanthen-9-one;
2,6-bis-(2-ethylaminoethoxy)-thioxanthen-9-one;
2,6-bis-(2-n-propylaminoethoxy)-thioxanthen-9-one;
2,6-bis-(3-methylaminopropoxy)-thioxanthen-9-one;
2,6-bis-(3-ethylaminopropoxy)-thioxanthen-9-one;
2,6-bis-(3-n-propylaminopropoxy)-thioxanthen-9-one;
2,6-bis-(2-dimethylaminoethoxy)-thioxanthen-9-one;
2,6-bis-(2-diethylaminoethoxy)-thioxanthen-9-one;
2,6-bis-(2-di-n-propylaminoethoxy)-thioxanthen-9-one;
2,6-bis-(3-dimethylaminopropoxy)-thioxanthen-9-one;
2,6-bis-(3-diethylaminopropoxy)-thioxanthen-9-one;
2,6-bis-(3-di-n-propylaminopropoxy)-thioxanthen-9-one;
2,6-bis-(2-azetidin-1-yl-ethoxy)-thioxanthen-9-one;
2,6-bis-(2-pyrrolidin-1-yl-ethoxy)-thioxanthen-9-one;
2,6-bis-(2-piperidin-1-yl-ethoxy)-thioxanthen-9-one;
2,6-bis-(3-azetidin-1-yl-propoxy)-thioxanthen-9-one;
2,6-bis-(3-pyrrolidin-1-yl-propoxy)-thioxanthen-9-one;
2,6-bis-(3-piperidin-1-yl-propoxy)-thioxanthen-9-one;
2,6-bis-(2-trimethylammoniumethoxy)-thioxanthen-9-one;
2,6-bis-(3-trimethylammoniumpropoxy)-thioxanthen-9-one;
3,6-bis-(2-aminoethoxy)-thioxanthen-9-one;
3,6-bis-(3-aminopropoxy)-thioxanthen-9-one;
3,6-bis-(2-methylaminoethoxy)-thioxanthen-9-one;

3,6-bis-(2-ethylaminoethoxy)-thioxanthen-9-one;
3,6-bis-(2-n-propylaminoethoxy)-thioxanthen-9-one;
3,6-bis-(3-methylaminopropoxy)-thioxanthen-9-one;
3,6-bis-(3-ethylaminopropoxy)-thioxanthen-9-one;
3,6-bis-(3-n-propylaminopropoxy)-thioxanthen-9-one;
3,6-bis-(2-dimethylaminoethoxy)-thioxanthen-9-one;
3,6-bis-(2-diethylaminoethoxy)-thioxanthen-9-one;
3,6-bis-(2-di-n-propylaminoethoxy)-thioxanthen-9-one;
3,6-bis-(3-dimethylaminopropoxy)-thioxanthen-9-one;
3,6-bis-(3-diethylaminopropoxy)-thioxanthen-9-one;
3,6-bis-(3-di-n-propylaminopropoxy)-thioxanthen-9-one;
3,6-bis-(2-azetidin-1-yl-ethoxy)-thioxanthen-9-one;
3,6-bis-(2-pyrrolidin-1-yl-ethoxy)-thioxanthen-9-one;
3,6-bis-(2-piperidin-1-yl-ethoxy)-thioxanthen-9-one;
3,6-bis-(3-azetidin-1-yl-propoxy)-thioxanthen-9-one;
3,6-bis-(3-pyrrolidin-1-yl-propoxy)-thioxanthen-9-one;
3,6-bis-(3-piperidin-1-yl-propoxy)-thioxanthen-9-one;
3,6-bis-(2-trimethylammoniumethoxy)-thioxanthen-9-one;
3,6-bis-(3-trimethylammoniumpropoxy)-thioxanthen-9-one;
2,7-bis-(2-aminoethoxy)-10H-acridine-9-one;
2,7-bis-(3-aminopropoxy)-10H-acridine-9-one;
2,7-bis-(2-methylaminoethoxy)-10H-acridine-9-one;
2,7-bis-(2-ethylaminoethoxy)-10H-acridine-9-one;
2,7-bis-(2-n-propylaminoethoxy)-10H-acridine-9-one;
2,7-bis-(3-methylaminopropoxy)-10H-acridine-9-one;
2,7-bis-(3-ethylaminopropoxy)-10H-acridine-9-one;
2,7-bis-(3-n-propylaminopropoxy)-10H-acridine-9-one;
2,7-bis-(2-dimethylaminoethoxy)-10H-acridine-9-one;
2,7-bis-(2-diethylaminoethoxy)-10H-acridine-9-one;
2,7-bis-(2-di-n-propylaminoethoxy)-10H-acridine-9-one;

2,7-bis-(3-dimethylaminopropoxy)-10H-acridine-9-one;
2,7-bis-(3-diethylaminopropoxy)-10H-acridine-9-one;
2,7-bis-(3-di-n-propylaminopropoxy)-10H-acridine-9-one;
2,7-bis-(2-azetidin-1-yl-ethoxy)-10H-acridine-9-one;
2,7-bis-(2-pyrrolidin-1-yl-ethoxy)-10H-acridine-9-one;
2,7-bis-(2-piperidin-1-yl-ethoxy)-10H-acridine-9-one;
2,7-bis-(3-azetidin-1-yl-propoxy)-10H-acridine-9-one;
2,7-bis-(3-pyrrolidin-1-yl-propoxy)-10H-acridine-9-one;
2,7-bis-(3-piperidin-1-yl-propoxy)-10H-acridine-9-one;
2,7-bis-(2-trimethylammoniumethoxy)-10H-acridine-9-one;
2,7-bis-(3-trimethylammoniumpropoxy)-10H-acridine-9-one;
2,6-bis-(2-methylaminoethoxy)-10H-acridine-9-one;
2,6-bis-(2-ethylaminoethoxy)-10H-acridine-9-one;
2,6-bis-(2-n-propylaminoethoxy)-10H-acridine-9-one;
2,6-bis-(3-methylaminopropoxy)-10H-acridine-9-one;
2,6-bis-(3-ethylaminopropoxy)-10H-acridine-9-one;
2,6-bis-(3-n-propylaminopropoxy)-10H-acridine-9-one;
2,6-bis-(2-dimethylaminoethoxy)-10H-acridine-9-one;
2,6-bis-(2-diethylaminoethoxy)-10H-acridine-9-one;
2,6-bis-(2-di-n-propylaminoethoxy)-10H-acridine-9-one;
2,6-bis-(3-dimethylaminopropoxy)-10H-acridine-9-one;
2,6-bis-(3-diethylaminopropoxy)-10H-acridine-9-one;
2,6-bis-(3-di-n-propylaminopropoxy)-10H-acridine-9-one;
2,6-bis-(2-azetidin-1-yl-ethoxy)-10H-acridine-9-one;
2,6-bis-(2-pyrrolidin-1-yl-ethoxy)-10H-acridine-9-one;
2,6-bis-(2-piperidin-1-yl-ethoxy)-10H-acridine-9-one;
2,6-bis-(3-azetidin-1-yl-propoxy)-10H-acridine-9-one;
2,6-bis-(3-pyrrolidin-1-yl-propoxy)-10H-acridine-9-one;
2,6-bis-(3-piperidin-1-yl-propoxy)-10H-acridine-9-one;
2,6-bis-(2-trimethylammoniumethoxy)-10H-acridine-9-one;

2,6-bis-(3-trimethylammoniumpropoxy)-10H-acridine-9-one;
3,6-bis-(2-aminoethoxy)-10H-acridine-9-one;
3,6-bis-(3-aminopropoxy)-10H-acridine-9-one;
3,6-bis-(2-methylaminoethoxy)-10H-acridine-9-one;
3,6-bis-(2-ethylaminoethoxy)-10H-acridine-9-one;
3,6-bis-(2-n-propylaminoethoxy)-10H-acridine-9-one;
3,6-bis-(3-methylaminopropoxy)-10H-acridine-9-one;
3,6-bis-(3-ethylaminopropoxy)-10H-acridine-9-one;
3,6-bis-(3-n-propylaminopropoxy)-10H-acridine-9-one;
3,6-bis-(2-dimethylaminoethoxy)-10H-acridine-9-one;
3,6-bis-(2-diethylaminoethoxy)-10H-acridine-9-one;
3,6-bis-(2-di-n-propylaminoethoxy)-10H-acridine-9-one;
3,6-bis-(3-dimethylaminopropoxy)-10H-acridine-9-one;
3,6-bis-(3-diethylaminopropoxy)-10H-acridine-9-one;
3,6-bis-(3-di-n-propylaminopropoxy)-10H-acridine-9-one;
3,6-bis-(2-azetidin-1-yl-ethoxy)-10H-acridine-9-one;
3,6-bis-(2-pyrrolidin-1-yl-ethoxy)-10H-acridine-9-one;
3,6-bis-(2-piperidin-1-yl-ethoxy)-10H-acridine-9-one;
3,6-bis-(3-azetidin-1-yl-propoxy)-10H-acridine-9-one;
3,6-bis-(3-pyrrolidin-1-yl-propoxy)-10H-acridine-9-one;
3,6-bis-(3-piperidin-1-yl-propoxy)-10H-acridine-9-one;
3,6-bis-(2-trimethylammoniumethoxy)-10H-acridine-9-one;
3,6-bis-(3-trimethylammoniumpropoxy)-10H-acridine-9-one;
2,7-bis-(2-aminoethoxy)-10-methyl-10H-acridine-9-one;
2,7-bis-(3-aminopropoxy)-10-methyl-10H-acridine-9-one;
2,7-bis-(2-methylaminoethoxy)-10-methyl-10H-acridine-9-one;
2,7-bis-(2-ethylaminoethoxy)-10-methyl-10H-acridine-9-one;
2,7-bis-(2-n-propylaminoethoxy)-10-methyl-10H-acridine-9-one;
2,7-bis-(3-methylaminopropoxy)-10-methyl-10H-acridine-9-one;
2,7-bis-(3-ethylaminopropoxy)-10-methyl-10H-acridine-9-one;

2,7-bis-(3-n-propylaminopropoxy)-10-methyl-10H-acridine-9-one;
2,7-bis-(2-dimethylaminoethoxy)-10-methyl-10H-acridine-9-one;
2,7-bis-(2-diethylaminoethoxy)-10-methyl-10H-acridine-9-one;
2,7-bis-(2-di-n-propylaminoethoxy)-10-methyl-10H-acridine-9-one;
2,7-bis-(3-dimethylaminopropoxy)-10-methyl-10H-acridine-9-one;
2,7-bis-(3-diethylaminopropoxy)-10-methyl-10H-acridine-9-one;
2,7-bis-(3-di-n-propylaminopropoxy)-10-methyl-10H-acridine-9-one;
2,7-bis-(2-azetidin-1-yl-ethoxy)-10-methyl-10H-acridine-9-one;
2,7-bis-(2-pyrrolidin-1-yl-ethoxy)-10-methyl-10H-acridine-9-one;
2,7-bis-(2-piperidin-1-yl-ethoxy)-10-methyl-10H-acridine-9-one;
2,7-bis-(3-azetidin-1-yl-propoxy)-10-methyl-10H-acridine-9-one;
2,7-bis-(3-pyrrolidin-1-yl-propoxy)-10-methyl-10H-acridine-9-one;
2,7-bis-(3-piperidin-1-yl-propoxy)-10-methyl-10H-acridine-9-one;
2,7-bis-(2-trimethylammoniumethoxy)-10-methyl-10H-acridine-9-one;
2,7-bis-(3-trimethylammoniumpropoxy)-10-methyl-10H-acridine-9-one;
2,6-bis-(2-methylaminoethoxy)-10-methyl-10H-acridine-9-one;
2,6-bis-(2-ethylaminoethoxy)-10-methyl-10H-acridine-9-one;
2,6-bis-(2-n-propylaminoethoxy)-10-methyl-10H-acridine-9-one;
2,6-bis-(3-methylaminopropoxy)-10-methyl-10H-acridine-9-one;
2,6-bis-(3-ethylaminopropoxy)-10-methyl-10H-acridine-9-one;
2,6-bis-(3-n-propylaminopropoxy)-10-methyl-10H-acridine-9-one;
2,6-bis-(2-dimethylaminoethoxy)-10-methyl-10H-acridine-9-one;
2,6-bis-(2-diethylaminoethoxy)-10-methyl-10H-acridine-9-one;
2,6-bis-(2-di-n-propylaminoethoxy)-10-methyl-10H-acridine-9-one;
2,6-bis-(3-dimethylaminopropoxy)-10-methyl-10H-acridine-9-one;
2,6-bis-(3-diethylaminopropoxy)-10-methyl-10H-acridine-9-one;
2,6-bis-(3-di-n-propylaminopropoxy)-10-methyl-10H-acridine-9-one;
2,6-bis-(2-azetidin-1-yl-ethoxy)-10-methyl-10H-acridine-9-one;
2,6-bis-(2-pyrrolidin-1-yl-ethoxy)-10-methyl-10H-acridine-9-one;
2,6-bis-(2-piperidin-1-yl-ethoxy)-10-methyl-10H-acridine-9-one;

2,6-bis-(3-azetidin-1-yl-propoxy)-10-methyl-10H-acridine-9-one;
2,6-bis-(3-pyrrolidin-1-yl-propoxy)-10-methyl-10H-acridine-9-one;
2,6-bis-(3-piperidin-1-yl-propoxy)-10-methyl-10H-acridine-9-one;
2,6-bis-(2-trimethylammoniumethoxy)-10-methyl-10H-acridine-9-one;
2,6-bis-(3-trimethylammoniumpropoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(2-aminoethoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(3-aminopropoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(2-methylaminoethoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(2-ethylaminoethoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(2-n-propylaminoethoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(3-methylaminopropoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(3-ethylaminopropoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(3-n-propylaminopropoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(2-dimethylaminoethoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(2-diethylaminoethoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(2-di-n-propylaminoethoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(3-dimethylaminopropoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(3-diethylaminopropoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(3-di-n-propylaminopropoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(2-azetidin-1-yl-ethoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(2-pyrrolidin-1-yl-ethoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(2-piperidin-1-yl-ethoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(3-azetidin-1-yl-propoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(3-pyrrolidin-1-yl-propoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(3-piperidin-1-yl-propoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(2-trimethylammoniumethoxy)-10-methyl-10H-acridine-9-one;
3,6-bis-(3-trimethylammoniumpropoxy)-10-methyl-10H-acridine-9-one;
3,8-bis-(2-aminoethoxy)-5H-phenanthridin-6-one;
3,8-bis-(3-aminopropoxy)-5H-phenanthridin-6-one;
3,8-bis-(2-methylaminoethoxy)-5H-phenanthridin-6-one;

3,8-bis-(2-ethylaminoethoxy)-5H-phenanthridin-6-one;
3,8-bis-(2-n-propylaminoethoxy)-5H-phenanthridin-6-one;
3,8-bis-(3-methylaminopropoxy)-5H-phenanthridin-6-one;
3,8-bis-(3-ethylaminopropoxy)-5H-phenanthridin-6-one;
3,8-bis-(3-n-propylaminopropoxy)-5H-phenanthridin-6-one;
3,8-bis-(2-dimethylaminoethoxy)-5H-phenanthridin-6-one;
3,8-bis-(2-diethylaminoethoxy)-5H-phenanthridin-6-one;
3,8-bis-(2-di-n-propylaminoethoxy)-5H-phenanthridin-6-one;
3,8-bis-(3-dimethylaminopropoxy)-5H-phenanthridin-6-one;
3,8-bis-(3-diethylaminopropoxy)-5H-phenanthridin-6-one;
3,8-bis-(3-di-n-propylaminopropoxy)-5H-phenanthridin-6-one;
3,8-bis-(2-azetidin-1-yl-ethoxy)-5H-phenanthridin-6-one;
3,8-bis-(2-pyrrolidin-1-yl-ethoxy)-5H-phenanthridin-6-one;
3,8-bis-(2-piperidin-1-yl-ethoxy)-5H-phenanthridin-6-one;
3,8-bis-(3-azetidin-1-yl-propoxy)-5H-phenanthridin-6-one;
3,8-bis-(3-pyrrolidin-1-yl-propoxy)-5H-phenanthridin-6-one;
3,8-bis-(3-piperidin-1-yl-propoxy)-5H-phenanthridin-6-one;
3,8-bis-(2-trimethylammoniumethoxy)-5H-phenanthridin-6-one;
3,8-bis-(3-trimethylammoniumpropoxy)-5H-phenanthridin-6-one;
3,8-bis-(2-aminoethoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(3-aminopropoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(2-methylaminoethoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(2-ethylaminoethoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(2-n-propylaminoethoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(3-methylaminopropoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(3-ethylaminopropoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(3-n-propylaminopropoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(2-dimethylaminoethoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(2-diethylaminoethoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(2-di-n-propylaminoethoxy)-5-methyl-5H-phenanthridin-6-one;

3,8-bis-(3-dimethylaminopropoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(3-diethylaminopropoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(3-di-n-propylaminopropoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(2-azetidin-1-yl-ethoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(2-pyrrolidin-1-yl-ethoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(2-piperidin-1-yl-ethoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(3-azetidin-1-yl-propoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(3-pyrrolidin-1-yl-propoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(3-piperidin-1-yl-propoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(2-trimethylammoniumethoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(3-trimethylammoniumpropoxy)-5-methyl-5H-phenanthridin-6-one;
3,8-bis-(2-aminoethoxy)-benzo[c]chromen-6-one;
3,8-bis-(3-aminopropoxy)-benzo[c]chromen-6-one;
3,8-bis-(2-methylaminoethoxy)-benzo[c]chromen-6-one;
3,8-bis-(2-ethylaminoethoxy)-benzo[c]chromen-6-one;
3,8-bis-(2-n-propylaminoethoxy)-benzo[c]chromen-6-one;
3,8-bis-(3-methylaminopropoxy)-benzo[c]chromen-6-one;
3,8-bis-(3-ethylaminopropoxy)-benzo[c]chromen-6-one;
3,8-bis-(3-n-propylaminopropoxy)-benzo[c]chromen-6-one;
3,8-bis-(2-dimethylaminoethoxy)-benzo[c]chromen-6-one;
3,8-bis-(2-diethylaminoethoxy)-benzo[c]chromen-6-one;
3,8-bis-(2-di-n-propylaminoethoxy)-benzo[c]chromen-6-one;
3,8-bis-(3-dimethylaminopropoxy)-benzo[c]chromen-6-one;
3,8-bis-(3-diethylaminopropoxy)-benzo[c]chromen-6-one;
3,8-bis-(3-di-n-propylaminopropoxy)-benzo[c]chromen-6-one;
3,8-bis-(2-azetidin-1-yl-ethoxy)-benzo[c]chromen-6-one;
3,8-bis-(2-pyrrolidin-1-yl-ethoxy)-benzo[c]chromen-6-one;
3,8-bis-(2-piperidin-1-yl-ethoxy)-benzo[c]chromen-6-one;
3,8-bis-(3-azetidin-1-yl-propoxy)-benzo[c]chromen-6-one;
3,8-bis-(3-pyrrolidin-1-yl-propoxy)-benzo[c]chromen-6-one;

3,8-bis-(3-piperidin-1-yl-propoxy)-benzo[c]chromen-6-one;
3,8-bis-(2-trimethylammoniumethoxy)-benzo[c]chromen-6-one;
3,8-bis-(3-trimethylammoniumpropoxy)-benzo[c]chromen-6-one;
2,7-bis-(2-aminoethoxy)-10H-phenanthren-9-one;
2,7-bis-(3-aminopropoxy)-10H-phenanthren-9-one;
2,7-bis-(2-methylaminoethoxy)-10H-phenanthren-9-one;
2,7-bis-(2-ethylaminoethoxy)-10H-phenanthren-9-one;
2,7-bis-(2-n-propylaminoethoxy)-10H-phenanthren-9-one;
2,7-bis-(3-methylaminopropoxy)-10H-phenanthren-9-one;
2,7-bis-(3-ethylaminopropoxy)-10H-phenanthren-9-one;
2,7-bis-(3-n-propylaminopropoxy)-10H-phenanthren-9-one;
2,7-bis-(2-dimethylaminoethoxy)-10H-phenanthren-9-one;
2,7-bis-(2-diethylaminoethoxy)-10H-phenanthren-9-one;
2,7-bis-(2-di-n-propylaminoethoxy)-10H-phenanthren-9-one;
2,7-bis-(3-dimethylaminopropoxy)-10H-phenanthren-9-one;
2,7-bis-(3-diethylaminopropoxy)-10H-phenanthren-9-one;
2,7-bis-(3-di-n-propylaminopropoxy)-10H-phenanthren-9-one;
2,7-bis-(2-azetidin-1-yl-ethoxy)-10H-phenanthren-9-one;
2,7-bis-(2-pyrrolidin-1-yl-ethoxy)-10H-phenanthren-9-one;
2,7-bis-(2-piperidin-1-yl-ethoxy)-10H-phenanthren-9-one;
2,7-bis-(3-azetidin-1-yl-propoxy)-10H-phenanthren-9-one;
2,7-bis-(3-pyrrolidin-1-yl-propoxy)-10H-phenanthren-9-one;
2,7-bis-(3-piperidin-1-yl-propoxy)-10H-phenanthren-9-one;
2,7-bis-(2-trimethylammoniumethoxy)-10H-phenanthren-9-one; and
2,7-bis-(3-trimethylammoniumpropoxy)-10H-phenanthren-9-one.

20. The method of selectively modulating the effects of α7nicotinic acetylcholine receptors in a mammal comprising administering an effective amount of a compound of claim 1.

21. The method according to claim 14, wherein the condition or disorder is selected from the group consisting of attention deficit disorder, attention deficit hyperactivity disorder (ADHD), Alzheimer's disease (AD), mild cognitive impairment, senile dementia, AIDS dementia, Pick's Disease, dementia associated with Lewy bodies, dementia associated with Down's syndrome, amyotrophic lateral sclerosis, Huntington's disease, diminished CNS function associated with traumatic brain injury, acute pain, post-surgical pain, chronic pain, inflammatory pain, neuropathic pain, infertility, lack of circulation, need for new blood vessel growth associated with wound healing, more particularly circulation around a vascular occlusion, need for new blood vessel growth associated with vascularization of skin grafts, ischemia, inflammation, wound healing, and other complications associated with diabetes.

22. The method according to claim 14, wherein the condition or disorder is selected from the group consisting of a memory disorder, cognitive disorder, neurodegeneration, and neurodevelopmental disorder.

23. The method according to claim 1, wherein the condition or disorder is schizophrenia.

24. The method according to claim 14, further comprising administering a compound of claim 1 in combination with an atypical antipsychotic.